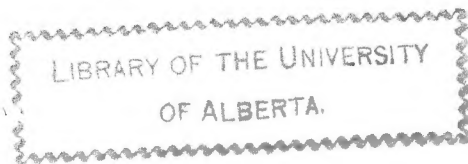


ANNUAL REPORT
OF THE
DEPARTMENT OF PUBLIC WORKS
OF THE
PROVINCE OF ALBERTA
1906

PRINTED BY ORDER OF THE LEGISLATIVE ASSEMBLY



EDMONTON:
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1907

EDMONTON, February 28th, 1907.

To His Honour,

GEORGE HEDLEY VICARS BULYEA,

Lieutenant Governor of the Province of Alberta.

SIR,—I have the honour to transmit herewith the Annual Report of the Department of Public Works from January 1st to December 31st, 1906.

I have the honour to be, Sir,

Your obedient servant,

W. H. CUSHING,

Minister of Public Works.

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EDMONTON, ALTA., January 21st, 1907.

HON. W. H. CUSHING, M.P.P.,
Minister of Public Works.

SIR,—I have the honour to submit the report of the Public Works Department of the Province of Alberta for the year 1906.

The increase and extension of the work of the department referred to in the last Annual Report has continued, as will be found from the detailed information in the following pages. This increase is, of course, to be expected from the large influx of settlement and the extension of areas within which the department have been called upon to perform public works during the season.

The extension of railway systems in the province is resulting in the settlement of districts heretofore carrying no population or very sparsely settled.

The movement in the southern part of the province in the way of farming and grain growing in the areas until recently held by cattlemen has had a very marked effect in the way of widening the call for public improvements to roads, etc.

The policy of constructing permanent bridges has been carried out as far as possible and a large amount of road improvements upon main roads and leading trails has been undertaken. In connection with bridge construction, the wisdom of the policy adopted some years ago to increase the weight and strength of structures to provide for the increased size and weight of threshing and traction outfits in the country has been amply demonstrated.

Of the 245 bridges dealt with during the year, 180 were new structures, principally of the standard type erected on pile sub-structures. Ten new steel bridges were erected during the year, two of which, one over the Bow river at Calgary and the other over the Red Deer river at Content, were of considerable size and erected upon concrete piers and abutments.

A large amount of road improvement was undertaken and completed during the year. The necessity for providing outlets for new settlements and in certain cases the uncertainty as to the direction in which traffic will ultimately turn has caused some of the work to be of a temporary nature.

In the older settlements, the increase in the amount and weight of traffic has made improvements necessary and often imperative. As far as possible, however, the work has been carried on with a view to the future needs of the country and wherever lines of travel have been established an effort has been made to put in improvements of a permanent nature.

In the local improvement districts a considerable amount of road improvement has been done and we have endeavoured as far as possible to induce the local improvement districts to work in harmony with the principal works undertaken by the department so that leading trails and lines of traffic might be improved and the greatest number of settlers benefited.

In the matter of providing fireguards it has been found necessary to undertake a considerable amount of work. Some of this will not

be necessary in the future as the extension of irrigation work and settlement have in certain cases provided efficient guards. New guards, however, will be required in certain localities that are still only sparsely settled.

Twelve ferries were operated in the province during the past season and four of these were new ferries installed during 1906; one on the Athabasca river at Athabasca Landing, one at Shandro on the North Saskatchewan river, one opposite Taber on the Belly river and another on the Red Deer river east of Carstairs or approximately north of Gleichen.

The Government having decided upon a policy of telephone construction and operation in the province a line from Calgary to Banff has been started, is nearing completion and will, we expect, be in operation early in 1907. Other necessary lines are being undertaken and material procured, preparatory to vigorous construction during 1907.

The three ditching machines were at work nearly constantly during the season and a considerable amount of progress made. The two machines operating on the Wolf Creek drain excavated some five miles of ditch, completing this drainage scheme. One machine was employed on the Dowler Hill cutting and operated in conjunction with the road improvements undertaken at that location.

A well-boring machine was employed at Taber, where a well was sunk to the depth of 570 feet but it was found impossible to continue further with the machine, which was of low capacity, owing to the formations struck at that depth. No water was got. The same machine is now operating near Macleod, though the unusual cold weather at the latter part of the season has prevented much being done. Negotiations were carried on during the early part of the season for the purchase of a deep well outfit, but it was considered inadvisable to get a machine of the capacity originally contemplated. Then an effort was made to procure a portable outfit with a capacity of from 1,500 to 2,000 feet and I am glad to say that a selection has been made and a machine is now on order that will, I think, meet the requirements.

Certain buildings heretofore controlled by the Dominion Government have been handed over to the Provincial Government and we have undertaken to provide for the maintenance. A start has been made on the erection of the normal school building at Calgary and registry office at Cardston. Sites have been secured for court houses at Cardston, Wetaskiwin and Edmonton. A site having been secured for the Provincial Parliament buildings at Edmonton, we hope to be ready to begin construction early in the spring.

Owing to the increase of work in all the departments, the present office accommodation is inadequate and arrangements will have to be made in the near future for additional accommodation, previous to the completion of the new buildings.

Your obedient servant,

JOHN STOCKS,

Deputy Minister.

CORRESPONDENCE BRANCH.

Staff	..	{	1 chief clerk
			1 chief correspondence clerk.
			3 clerks
			1 messenger.

The amount of work handled by this branch will be clearly shown by the following statement:

Number of letters received	36,543
Number of returned letters and circulars.....	5,243
Number of entries in cash book	7,045
Number of registered letters received	1,449
Amount of cash received	\$93,441.59*

*The amount of cash received includes \$1,282.98 received during the first five days of January, 1907, but which belonged to 1906 revenue.

Number of letters sent.. ..	30,858
Number of receipts sent.. ..	11,209
Number of circulars sent.. ..	20,847
Number of registered letters sent.. ..	1,691

SUMMARY.

Number of communications received.	41,786
Number of communications sent.....	62,914

Total handled by the department during the year 104,700

Average number of communications handled daily... 349

Entries in cash book..... 7,045

It might also be stated that in addition to the regular routine work, as outlined above, a considerable amount of work was done by the staff in re-indexing the records of the department.

THE STEAM BOILERS ACT.

Inside staff	One clerk in charge.
Outside staff	Two inspectors.

This being the first annual report of the Steam Boiler Branch for the Province of Alberta there are no comparisons that can be given, but the past year has been most successful in all sections of work.

There were only two prosecutions for violation of the Act.

The desire of engineers to procure final certificates is increasing and examinations for same were held in forty places by the inspectors; out of 273 candidates examined, only 62 failed to procure the class

of certificates written for, 43 of whom were provided with second provisional certificates to enable them to operate until next examinations.

Under subsection 3 of section 29 of the Act, there were 16 provisional certificates renewed to engineers who were unavoidably absent from examinations.

Under section 28 of the Act there were 3 first class, 8 second and 10 third class certificates issued in lieu of other certificates.

Two second and 6 third class certificates were issued as duplicates of certificates lost or destroyed.

The two inspectors having the whole of the province to cover, find it hard to do so to their satisfaction owing to the rapid increase of new plants, and the advisability of appointing another inspector should be considered.

It is gratifying to report that no accidents of a serious nature have occurred during the past year, for which the condition of a boiler is accountable.

The following are names and addresses of inspectors:

Joseph Buxton	Calgary
David Fraser	Strathcona.

A schedule of certificates issued, fees collected, etc., along with the annual reports of the inspectors, and a list of all final certificates issued to date is appended herewith:

Number of boilers inspected	508
Number of examinations for engineers held	40
Number of first class certificates issued	10
Number of second class certificates issued	40
Number of third class certificates issued	188
Number of provisional certificates of qualification issued	373
Number of second provisional certificates of qualification issued.. .	43
Number of renewals of provisional certificates of qualification issued....	16
Number of permits for operation of steam boilers issued .	12

FEES COLLECTED.

For inspection of boilers .	\$2,494.00
For final certificates under section 28..	69.00
For examination of engineers for final certificates .	695.00
For provisional certificates..	1,135.00
For second provisional certificates	129 00
For renewal of provisional certificates .	16 00
For permits issued	36.00
	\$4,574.00

EXPENDITURES.

Inspectors' salary, travelling expenses, advertising .	\$4,282.48
Clerk's salary . . .	715 00
Stationery, books, stamps	400 00
	\$5,397.48

CALGARY, January 10th, 1907.

JOHN STOCKS, ESQ.,
Deputy Minister of Public Works,
 Edmonton, Alta.

SIR,—I have the honour to submit my annual report as inspector of steam boilers in accordance with section 9 of the Steam Boiler Inspection Act.

The number of boilers inspected by me during the year is 286, which are described as follows:

Horizontal tubular..	76
Horizontal furnace	14
Horizontal flue .	3
Return tubular..	23
Locomotive firebox tubular . .	113
Locomotive firebox, portable type	31
Return firebox	2
Upright tubular	14
Water tube	9
Lancashire type	1
	286

CONDITION OF BOILERS INSPECTED.

Good .	242
Very fair.	42
Fair	2
Condemned .	2
Number of boilers not in use, which I visited	10

There was one accident or explosion in my district, the boiler was a Russell manufacture, locomotive firebox, which dropped the crown sheet. I am pleased to say that there was no serious accident to life. The above engine and boiler was owned by Mr. R. Stuckey, of Pincher Creek. The cause of the explosion was due to the crown bolts not having sufficient bolt projecting through the sheet to give a good rivet or bat on the same.

During the past year I held 14 examinations at various points in my district. The number of applicants for final certificates are as follows:

First class.	8
Second class	23
Thrd class .	93

Of this number who came up for examination they graded as follows:

First class	7
Second class	18
Third class	79
Failed	20
Permits issued	3

I found it necessary to take action against two parties for violating sections 27 and 35, who were fined.

The number of boilers in my district is rapidly increasing, in stationary plants and portable engines and boilers.

I have the honour to be, Sir,

Your obedient servant,

JOS. BUXTON,
Inspector of Steam Boilers.

STRATHCONA, December 31st, 1906.

JOHN STOCKS, Esq.,
Deputy Minister, Department of Public Works,
 Edmonton.

SIR,—I have the honour to submit to you my annual report for the year 1906 as inspector of steam boilers, in accordance with section 9 of The Steam Boilers Act.

During the past year I held 26 examinations at different points in the district. The first series were held between the 26th February and 2nd April and took in 18 different points. The second series were held between the 15th and 31st August and covered 8 points.

At these examinations a total of 153 candidates wrote for final certificates, of these 42 failed in the class for which they were examined, and a lower grade certificate, and, in some cases, second provisional certificates were issued to them.

During the year applications were received by me for 120 provisional certificates.

Six permits were issued to owners of engines and boilers, who were unable to secure the services of engineers holding certificates.

The number of boilers inspected by me during the year, and for which certificates were granted was 228, which may be described as follows:

Horizontal tubular	48
Return tubular..	40
Locomotive firebox	115
Upright tubular	19
Water tube	2
Furnace tubular	4
	228

The condition of these are as follows:

Good	194
Very fair	18
Fair	16

Repairs of various kinds were ordered in twelve boilers. Two of these were badly damaged and required new crown sheets before certificates could be issued for their efficiency. Five new steam gauges were ordered and one pop valve.

Ten second hand outfits came into the district during the year and were inspected.

Thirty-four new outfits were inspected for the first time, and thirty-five new outfits came in during the summer and fall and have not yet been inspected.

I had one accident reported to me from Blackfalds where a main flue in a return tubular boiler collapsed through the carelessness of the man in charge who came in from the States and had just started up, when he let the water get too low with the above result. No one was hurt and as soon as the engineer saw what had happened he left in great haste for the country across the border.

There have been no prosecutions in my district this year.

There is a growing tendency towards installing boilers designed to carry higher steam pressures, both in portable and stationary plants, and in view of this it would be well for the department to make some ruling regarding the tensile strength of material used in the construction of boilers coming into the province and make it compulsory for manufacturers to have the tensile strength of the plates stamped on some part of the boiler where it can be seen by the inspectors so they can make their calculations as to the safe working pressure. A good place would be at the end of the plate close to the side seam, where it would not be obscured from view by lagging.

I have the honour to be, Sir,

Your obedient servant,

DAVID FRASER,

Inspector of Steam Boilers.

SCHEDULE of Holders of Final Certificates of Qualification under
The Steam Boilers Act.

NAME	ADDRESS	NO. OF CERT.	DATE OF ISSUE
<i>First Class.</i>			
Archibald, Harry P .	Lethbridge	24	Aug. 15, 1900
Brissette, Narcisse	Mornville .	15	Mar. 28, 1899
Buxton, Joseph .	Calgary	35	Aug. 29, 1901
Birkett, Holland G.	Cardston	9	Sep. 5, 1906
Briggs, Thomas L	Calgary	10	Sep. 27, 1906
Cross, Win	Calgary .	2	Mar. 28, 1899
Codd, Edward F	Macleod	22	June 2, 1900
Cooper, Watt .	Canmore .	6	Aug. 11, 1906
Caldwell, Robt	Edmonton	41	Oct. 16, 1903
Cross, Isaac E	Ponoka .	47	Oct. 15, 1904
Evans, Dan	Edmonton	12	Mar. 28, 1899
Fraser, David	Strathcona	20	Oct. 9, 1899
Finch, Theo. S	Raymond	5	Aug. 10, 1906
Gale, Ern. A.	Calgary .	42	Dec. 6, 1903
Heist, Wm. E	Edmonton	36	Dec. 18, 1901
Hobson, Francis W	Strathcona .	50	April 1, 1905
Jackson, Jno. A.	Strathcona	25	Oct. 23, 1900
Kelly, Jno. .	Edmonton	No re	Dec. 3, 1905
Kearsley, Geo.	Edmonton	8	Sep. 5, 1906
Lunn, Jno. T	Edmonton	53	May, 2 ^d , 1905
Moore, Geo..	Frank .	55	July 21, 1905
McNaughton, Peter	Edmonton	21	Oct. 9, 1899
McCall, Jas. F.	Calgary .	7	Aug. 11, 1906
McFee, Norman	Red Willow	48	Nov. 22, 1904

SCHEDULE of Holders of Final Certificates of Qualification under
The Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO OF CERT.	DATE OF ISSUE
<i>First Class—Continued.</i>			
Niven, Robt..	Lethbridge	23	July 28, 1900
Oliver, Ernest H.	Calgary .	2	April 30, 1906
Ritchie, Wm. Jas. .	Canmore .	4	May 15, 1906
Rice, Jno. H. . . .	Calgary .	1	April 30, 1906
Scott, Jno..	Lethbridge .	14	Mar. 28, 1899
Stapley, Tobias B.	Calgary .	45	Apr. 18, 1904
Turgeon, Cleophas	Edmonton	5	Mar. 28, 1899
Taylor, Geo. R. .	Strathcona .	11	Mar. 28, 1899
Turner, Ornelo H.	Calgary .	34	Aug. 16, 1901
Watson, D.	Bankhead .	3	May 15, 1906
Yates, David .	Banff .	32	July 5, 1901
<i>Second Class.</i>			
Anderson, C. J. B	Calgary .	109	Feb. 7, 1901
Angus, Robt. .	Angus Ridge	160	Oct. 2, 1901
Altham, Geo. H	Lethbridge .	40	Aug. 11, 1906
Adair, Fred D.	Edmonton	30	May 10, 1906
Burger, M. E.	Strathcona .	2	Sep 18, 1905
Bro lie, Hugh W.	Wetaskiwin	21	April 20, 1906
Blair, Wm. .	Lille .	36	June 25, 1906
Bawtinheimer, Geo H	Red Deer	7	Sep 4, 1899
Brayne, Jos..	Calgary	26	Sep. 1, 1899
Biery, Chas. .	Strathcona .	32	Mar. 9, 1900
Blatchford, K. A..	Edmonton	88	Oct. 23, 1900
Blain, J. W. . . .	Strathcona .	106	Dec. 31, 1900
Bannerman, Jas A.	Red Deer	162	Dec. 18, 1901
Brownlow, Hy A	Lacombe.	163	Dec. 23, 1902
Brewster, W. A	Edmonton	195	May 13, 1903
Bowden, H. S. . .	Strathcona .	198	May 13, 1903
Ballantyne, Robt. .	Calgary .	229	Mar. 14, 1904
Barnhouse, Wm. .	Edmonton	244	May 26, 1904
Burkholder, Hy. J. .	Strathcona .	267	Oct 15, 1904
Bentley, Emerson D..	Medicine Hat....	17	April 11, 1906
Cous'ns, Arthur .	Calgary .	24	April 30, 1906
Crawford, Sam L	Strathcona .	52	Oct 25, 1906
Card, Caleb A. .	Red Deer	53	Nov. 2, 1906
Cope, Edmund G. M	Calgary .	1	June 30, 1899
Clark, W. H.	Edmonton	15	Oct. 9, 1899
Conn, David	Lethbridge	37	Mar. 23, 1900
Chalmers, Walter N..	Edmonton	51	May 28, 1900
Cullen, Jas E. .	Calgary .	115	Feb. 20, 1901
Convers, Stephen J.	Ponoka .	192	Mar. 6, 1903
Clifford, Robt A.	Strathcona .	197	May 13, 1903
Chapman, A. B.	Red Deer	239	April 18, 1904
Carruthers, J. A. .	Calgary .	35	May 14, 1906
Callery, Frederick .	Calgary ..	252	Sep. 12, 1904
Cope, Cuthbert E...	Edmonton	13	Mar. 26, 1906
Donaldson, Maxwell .	Lethbridge .	40	Mar. 23, 1900
Doughty, Jas. . .	Calgary . .	143	July 25, 1901
Dresser, Bertram W.	Wetaskiwin	261	Oct. 15, 1904
Drader, Jno. A. . . .	Pincher Creek	290	Dec. 30, 1904

SCHEDULE of Holders of Final Certificates of Qualification under
The Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO. OF CERT.	DATE OF ISSUE
<i>Second Class—Continued.</i>			
Deem, David	Calgary .	298	Mar. 16, 1905
Dreese, Max L.	Edmonton	11	Oct. 11, 1904
Danner, Clifford	Lacombe..	22	April 25, 1906
Evans, Harry W.	Anthracite	28	Feb. 13, 1900
Erickson, Jno	Red Willow	238	April 18, 1904
Emery, Ray C	Strathcona .	264	Oct. 15, 1904
Evans, Wm...	Frank	7	Sep. 18, 1905
Frieman, Manfred .	Lethbridge .	171	Aug. 18, 1902
Finch, Robert H.	Calgary . .	184	Oct. 10, 1902
Fraser, Wm.	Strathcona .	265	Oct. 18, 1904
Frame, Jas. F. .	Lethbridge .	219	Oct. 6, 1903
Fraser, Chas..	Okotoks	300	Mar. 16, 1905
Fidler, J. J.	Calgary . . Duplicate	9	May 17, 1904
Fleetwood, Howard A. .	Edmonton	262	Oct. 15, 1904
Fisk, Jas. Geo...	Fort Saskatchewan .	307	April 14, 1905
Faulkner, Jos. W. .	Lundbreck.	42	Aug. 11, 1906
Grieve, David .	Calgary .	111	Feb. 17, 1901
Griffiths, W. H. .	Anthracite	31	May 14, 1906
Garneau, Alexander	Strathcona	266	Oct. 15, 1904
Grieve, Wm.	Calgary . ..	276	Oct. 28, 1904
Gibbs, Morley C.	Calgary .	297	Mar. 16, 1905
Ginter, Wm. C.	Edmonton	18	April 11, 1906
Garner, Anth.	Bankhead .	33	May 14, 1906
Hay, Geo Porter	Pincher Creek	44	Aug. 11, 1906
Howe, Wm. Ed	Sunny Slope	49	Sep. 8, 1906
Hubbard, Syd. T	Edmonton	13	Oct. 9, 1899
Henneger, Ed. J..	Edmonton	19	Oct. 2, 1899
Haynes, Alf. H.	Edmonton	33	May 7, 1900
Hillis, Hy.	Medicine Hat	42	Mar. 23, 1900
Hicklik, Jno W	Calgary .	79	Sep. 29, 1900
Hisco, Thos. S	Lethbridge	85	Sep. 29, 1900
Howell, Ed	Battleford	137	May 30, 1901
Hillis, Thos. .	Lethbridge	172	Aug. 18, 1902
Henneg, Michael .	Calgary	183	Oct. 10, 1902
Heatley, Wm.	Beaumont	274	Oct. 4, 1904
Henry, Chas .	Strathcona	234	April 18, 1904
Hutchins, H. E.	Edmonton	306	Mar. 31, 1906
Harper, Wm. H	Lloydminster .	10	Nov 6, 1905
Irwin, Lester J	Strathcona .	270	Oct. 15, 1904
Judd, David H	Calgary ..	161	Oct. 5, 1901
Jarratt, Ed..	Strathcona .	263	Oct. 15, 1903
Kerr, Wm .	Lethbridge .	35	Mar. 25, 1900
Kidd, Fred .	Calgary ...	62	June 14, 1900
Kowalczyck, Antoine .	St. Pde. Metis..	114	Feb. 16, 1900
Kadlec, J. J.	Wetaskiwin	236	April 18, 1904
Lang, Jas. .	Okotoks.	301	Mar. 17, 1905
Lacey, Wm. R .	Calgary	182	Oct. 10, 1902
Lamb, Herb. Dav.	Frank . .	41	Aug. 11, 1906
LeBreton, Gust. A. .	Edmonton	308	April 14, 1905
Lang, Jno. .	Okotoks	45	Aug. 11, 1906
Moran, Austin .	Lethbridge.	36	Mar. 23, 1900
Marshall, Fred Jos ..	Kamloops, B.C. .	203	Aug. 14, 1903
Morrison, John C	Gleichen..	214	Sep. 24, 1903
Mortimer, Sam M.	Strathcona .	241	May 26, 1904

SCHEDULE of Holders of Final Certificates of Qualification under
The Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO. OF CERT	DATE OF ISSUE
<i>Second Class—Continued.</i>			
Mjolness, Jno. A	Medicine Hat .	16	April 11, 1906
Morrison, Kenneth	Coleman.	20	April 19, 1906
Maire, Robt B. .	Strathcona .	37	Aug. 8, 1906
Morgan, Thomas M	High River	38	Aug. 7, 1906
McKay, Dan	Lethbridge .	4	June 30, 1899
McGee, Thomas	White Fish Lake .	61	June 4, 1900
McConnell, Wm. J.	Lethbridge .		Oct. 8, 1903
McIntyre, John .	Calgary	48	Aug. 16, 1906
McKim, Nelson .	Edmonton	14	Mar. 26, 1906
McClaffin, W. G	Ponoka .	237	April 18, 1904
McLean, Fred A...	Edmonton	305	Mar. 31, 1905
McDonald, Simon .	Frank	15	Mar. 28, 1906
Nimmons, Robt	Lethbridge	38	Mar 23, 1900
Omand, Jas...	Edmonton	194	May 13, 1903
Oxley, Jno.	Taber	6	Sep. 18, 1905
Parcels, Tim P	Red Deer	6	Sep 4, 1899
Payzant, Ernest M.	Edmonton	12	Oct. 9, 1899
Pratt, Geo .	Edmonton	16	Oct. 9, 1899
Pearce, Abram	Edmonton	52	May 28, 1900
Pugh, Jno..	Calgary .	28	April 30, 1906
Powers, Thomas E.	Strathcona	246	May 26, 1904
Potter, Martin .	Evarts.	51	Oct 5, 1906
Punnett, Lewis L...	Chesterwold .	50	Oct 4, 1906
Price, Jno	Edmonton	54	Dec 19, 1906
Reid, R. W.	Lethbridge .	5	June 30, 1899
Richards, Hy. Jno. .	Canmore	30	Feb. 13, 1900
Rankin, Thomas Hy	Banff .	77	Sep 29, 1900
Roberts, Wm. B.	Fort Saskatchewan .	235	May 18, 1904
Rattray, Thomas	Edmonton	196	May 13, 1903
Schatz, Wm. H.	Strathcona .	17	Oct. 9, 1899
Shaw, Maltman W. S.	Midnapore	27	Dec. 1, 1899
Stafford, Geo.	Lethbridge .	39	Mar 23, 1900
Stephen, Hutton .	Calgary .	43	April 17, 1900
Stagge, Geo...	Calgary .	112	Feb 7, 1901
Steven, Alf. E	Calgary .	113	Feb 7, 1901
Shelley, Hy. Jas. .	Calgary .	116	Mar. 12, 1901
Sloan, Wm.	Lethbridge	169	July 30, 1902
Siemens, Peter .	Anthracite	34	May 14, 1906
Stewart, Jno. A.	Red Deer	12	Jan. 2, 1906
Snelgrove, G. L.	Calgary .	217	Sep. 26, 1903
Shannon, Jas	Calgary .	223	Nov. 6, 1903
Shackleton, Thomas A.	Kamloops, B.C. .	224	Nov. 14, 1903
Starkey, G. L	Ponoka	9	Nov 2, 1905
Stokes, Robt. D. .	Strathcona .	19	April 11, 1906
Stacey, Fred H.	Edmonton	1	Sep 18, 1905
Shaw, Jno P.	Edmonton	3	Sep 18, 1905
Stanley, Chas. Hy..	Bankhead .	32	May 14, 1906
Sefton, Fred .	Lethbridge .	39	Aug. 10, 1906
Stanley, Benj. F.	Calgary .	47	Aug. 14, 1906
Toreson, Thos ..	Wetaskiwin ..	31	Mar 7, 1900
Tomkins, Peter.	White Fish Lake .	98	Nov. 27, 1900
Tardrew, Hy. Philip	Edmonton	29	May 10, 1906
Von Wendel, Carl . .	Calgary .	222	Nov. 6, 1903

SCHEDULE of Holders of Final Certificates of Qualification under The
Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO OF CERT	DATE OF ISSUE
<i>Second Class—Continued.</i>			
Van Haast, Julius H. .	Strathcona .	278	Nov. 5, 1904
Walker, J. B. .	Lethbridge .	3	June 30, 1899
Watson, Ern. P.	Strathcona .	18	Oct. 9, 1899
Wood, Chas. Ed. .	Macleod .	69	July 28, 1900
White, Jas. .	Canmore .	73	Sep. 5, 1900
Websdale, Francis C..	Edmonton .	139	June 21, 1901
Waldock, Jno. G.	Medicine Hat .	170	Aug. 18, 1902
Waddell, O. S. .	Edmonton .	245	May 26, 1904
Warburton, Jno	Spring Point	8	Sep. 18, 1905
Williams, Jno	Edmonton .	23	April 30, 1906
Watson, Jno. T.	Calgary .	26	April 30, 1906
White, E. Lionel	Calgary .	27	April 30, 1906
Walker, Thos.	Coleman.	46	Aug. 14, 1906
Young, Geo...	Lille .	43	Aug. 11, 1906
<i>Third Class.</i>			
Albertson, And. O	Strathcona .	135	June 25, 1901
Aikmen, Gec .	Calgary .	274	Sep. 11, 1902
Allen, Alb .	Edmonton .	360	May 13, 1903
Allen, Art.	Edmonton .	526	April 18, 1904
Ashcroft, Jos.	Lethbridge .	673	Nov. 24, 1904
Akey, Chas. Stewart..	Iowalta . . .	759	Mar. 24, 1905
Archibald, Chester H. .	Wetaskiwin . .	786	Mar. 27, 1905
Ambler, Dav...	Wetaskiwin .	790	Mar. 27, 1905
Anderson, And. W...	Wetaskiwin . .	794	Mar. 27, 1905
Alderson, Robt. .	Coleman . . .	5	Sep. 16, 1905
Adair, Jas. E. .	Edmonton .	135	May 10, 1906
Ager, Chas. . . .	Edmonton .	143	May 29, 1906
Adshead, Her. B. . .	Olds	149	May 31, 1906
Anderson, Jno. J. . .	Stavely . . .	192	Aug. 13, 1906
Alexander, J. A. . .	Livingstone	203	Aug. 13, 1906
Abraham, Wm R.	Lacombe..	242	Sep. 28, 1906
Adams, Dav. C. . .	Edmonton .	207	Sep. 8, 1906
Blatchford, Pet . . .	Edmonton . .	37	Nov. 28, 1899
Bawtinheimer, H. E.	Red Deer . .	185	Dec. 18, 1901
Bannerman, Wm . . .	Red Deer . .	189	Dec. 18, 1901
Billo, Jos	Edmonton . .	193	Dec. 18, 1901
Bernier, Alexis . . .	Lamoureux . .	205	Dec. 18, 1901
Berlinguette, Alf . .	Whitford. . .	355	Aug. 18, 1902
Burwell, Art P. . . .	Edmonton . .	354	April 24, 1903
Berg, Jno.	Fort Saskatchewan . . .	356	May 13, 1903
Bolduck, Jos	Beaumont . .	362	May 13, 1903
Bowers, Rich. J. . . .	Strathcona . .	364	May 13, 1903
Briggs, M. R.	Red Deer . .	371	May 13, 1903
Bricker, Menno C. . .	Okotoks . . .	471	Nov. 6, 1903
Brown, Robt. S	Lamoureux . .	480	Jan. 15, 1904
Burbank, Lyle A.. . .	Calgary . . .	483	Feb. 10, 1904
Billo, Adolph	Canmore . . .	486	Mar. 14, 1904
Bailey, R. B	Edmonton . .	527	April 18, 1904
Brenton, J. R.	Edmonton . .	544	April 18, 1904
Balduck, Peter	Beaumont . .	638	Oct. 15, 1904
Bevington, Geo. E. . .	Strathcona . .	642	Oct. 15, 1904
Browne, Thos. J. . . .	Medicine Hat. Duplicate	83	April 9, 1906
Beamish, Crandell..	Didsbury . . .	753	Mar. 24, 1905
Brown, John, Jr. . . .	Innisfail . . .	757	Mar. 24, 1905
Bruce, Chas. Robt. . . .	Lacombe . . .	763	Mar. 24, 1905
Blewett, Wm. Geo. . . .	Mewassin . . .	818	April 14, 1905
Bauehin, Theophile	Legal	204	Aug. 14, 1906

SCHEDULE of Holders of Final Certificates of Qualification under The
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<i>Third Class—Continued.</i>			
Brunell, John..	Beaumont	821	April 14, 1905
Brodie, Wm. A..	Ponoka .	848	May 30, 1905
Blanchette, Peter ..	Ft. Saskatchewan ... Dup.	257	Dec. 31, 1906
Bradber, Ed .	Lethbridge . .	14	Sep. 16, 1905
Bilson, Wm Jas...	Lethbridge . .	16	Sep. 16, 1905
Baker, Chas. L. .	East Clover Bar	27	Sep. 16, 1905
Brisette, Louis..	Morinville	30	Sep. 16, 1905
Bittner, Antoine.	Ponoka .	56	Nov 16, 1905
Boomer, Alonzo	Lacombe	57	Nov 22, 1905
Baird, Jas. B.	Red Deer	63	Dec. 29, 1905
Bell, Harry	Duagh .	71	Mar. 16, 1906
Baker, Thos.	Calgary	72	Mar. 19, 1906
Bryson, W. J.	Medicine Hat	86	April 11, 1906
Boote, Ed .	Pine Lake	107	April 24, 1906
Bodman, Jno. A. . .	Calgary .	115	April 30, 1906
Bartlett, Percy R. .	Edmonton	142	May 29, 1906
Burns, David .	Grassy Lake.	170	Aug 11, 1906
Baden, Wm. F	High River	196	Aug. 13, 1906
Benz, August J	Mundare .	216	Sep. 13, 1906
Bates, Minor	Strathcona . .	225	Sep. 20, 1906
Brown, A. J. . . .	Wavy Lake	232	Sep. 21, 1906
Currie, Laughlin	Strathcona . .	23	Oct. 9, 1899
Cameron, John .	Edmonton . .	25	Oct. 9, 1899
Carscadden, F. W	Strathcona . .	45	Mar. 7, 1900
Clink, Geo. I	Lacombe..	115	Dec. 31, 1900
Campbell, Michael	Canmore . Duplicate	141	May 1906
Cruikshank, Chas	Red Deer	186	Dec 18, 1901
Cluson, Jno.	Red Deer	231	April 23, 1902
Currie, Wm	Medicine Hat .	256	Aug. 18, 1902
Currie, Arc.	Medicine Hat	460	Aug. 23, 1903
Calhoun, Culver	Calgary .	488	Mar. 14, 1904
Curtis, W. W.	Carstairs . Duplicate	551	Dec. 20, 1904
Coulter, Frank	Edmonton	528	April 18, 1904
Cunningham, J. E.	Ellerslie	529	April 18, 1904
Clarke, W. A.	Edmonton	530	April 18, 1904
Charette, Clifford	Beaumont	635	Oct. 15, 1904
Cott, Jps.	Beaumont	63	Oct. 15, 1904
Crichton, Dav. O	Lethbridge .	59	Dec. 2, 1905
Carpenter, Dav.	Pincher Creek	679	Dec. 9, 1904
Cummins, Wal. J. C.	Calgary	743	Mar. 16, 1905
Coggan, Frank B	Calgary .	749	Mar 16, 1905
Coulter, Chas.	Medicine Hat	860	June 14, 1905
Converse, E. .	Ponoka .	55	Nov. 16, 1905
Compou, Dennis	St. Albert .	82	Mar. 26, 1906
Clausen, Dan .	Evarts...	106	April 24, 1906
Cartwright, Geo.	Calgary	116	April 30, 1906
Cooper, Wm. Stanley	Calgary .	126	April 30, 1906
Craig, Jas T. .	Edmonton	144	May 29, 1906
Colwell, Frank L.	Didsbury	152	May 31, 1906
Craig, Mert. E. .	Markerville..	158	May 31, 1906
Clarke, Jas. Sam. .	Taber	172	Aug. 11, 1906
Carpenter, Wilfred .	Frank . .	174	Aug. 11, 1906
Clarke, O. S. . . .	Meadow Creek . .	193	Aug. 13, 1906
Carscadden, Arthur .	Nanton .	194	Aug. 13, 1906
Charbonneau, Len	Fort Saskatchewan .	213	Dec. 13, 1906
Campfield, Ern.....	Stettler .	229	Sep. 20, 1906
Chabbot, Jos.	Edmonton	235	Sep. 20, 1906
Coghill, Alb.	Red Deer .	239	Sep. 27, 1906
Cummings, Wm. J.....	Bentley .	244	Sep. 27, 1906
Currie, Jas. J.	Calgary .	255	Dec. 27, 1906

SCHEDULE of Holders of Final Certificates of Qualification under The
Steam Boilers Act.—Continued.

NAME	ADDRESS	NO OF CERT.	DATE OF ISSUE
<i>Third Class—Continued.</i>			
Delop, Thos.	Frank .	293	Sep. 30, 1902
Dozey, Chas.	Frank .	7	Sep. 5, 1903
Dobbs, F. M.	Iowalta . .	515	April 18, 1904
Dilley, A. J.	Agricola .	531	April 18, 1904
Drewar, S. P.	Riviere Qui Barre	532	April 13, 1904
Dubuc, Emil	Morinville .	551	May 26, 1904
Davis, Hy. E.	Didsbury .	752	Mar. 24, 1905
Dangerfield, Jas. A.	Olds . . .	755	Mar. 24, 1905
Donnelly, Hy. J.	Wetaskiwin	784	Mar. 27, 1905
Davie, Alvin A.	Calgary . .	846	Mar. 26, 1905
Dixson, Jas.	Blairmore .	6	Sep. 16, 1905
Dowsett, Nath.	Frank . . .	20	Sep. 16, 1905
Dye, Jas. E.	Ponoka . . .	33	Sep. 16, 1905
Deisting, C. G.	Duhamel . .	54	Nov. 3, 1905
Dowling, Nelson	Edmonton .	90	Mar. 11, 1906
Devillard, Louis	Edmonton .	89	Mar. 11, 1906
Drader, Ern.	Lacombe..	112	April 25, 1906
Dawes, Alb. A.	High River.	121	April 30, 1906
Davies, Jno. B.	Edmonton .	133	May 11, 1906
Dixson, Wm. A.	Medicine Hat .	167	Aug. 11, 1906
Dickens, Chas....	Lille..	183	Aug. 13, 1906
Edginton, Guy	Red Deer	184	Dec. 18, 1901
Evarts, Lucius P.	Calgary .	394	Aug. 14, 1903
Evarts, Philo .	Banff . . .	490	Mar. 14, 1904
Edmonds, Thos. J.	Edmonton .	803	Mar. 31, 1905
Endersby, Jno Geo..	Lethbridge .	10	Sep. 16, 1905
Embody, Chas Sam.	Calgary . .	125	April 30, 1906
Ennes, Jno. Jas.	Innisfail . .	147	May 31, 1906
Ewart, Dav...	Strathcona	219	Sep. 13, 1906
Flack, Sam..	Red Deer	194	Dec. 18, 1901
Findlay, Jas F.	Leduc . . .	211	Dec. 18, 1901
Fair, Francis Wm.	Medicine Hat . .	257	Aug. 18, 1902
Foster, Wm W. . .	Red Deer . .	370	May 13, 1903
Fluker, W. R.	Ft. Saskatchewan	545	April 18, 1904
Flett, And. R.	Calgary .	744	Mar. 16, 1905
Farren, Edgar	Evarts .	777	Mar. 24, 1905
Fowler, Wm. H.	Edmonton .	800	Mar. 31, 1905
Flintoff, Wal . .	Partridge Hill	816	April 14, 1905
Ferguson, Ern. G.	Fort Saskatchewan .	80	Mar. 26, 1906
Fairman, Chas. . .	Medicine Hat .	85	April 11, 1906
Frizzelle, Jas. Irv.	Lacombe..	104	April 24, 1906
Fullerton, Thomas Wm.	Calgary .	122	April 30, 1906
Fordyce, J.	Bowden .	156	May 31, 1906
Falt, Ainsley M.	Morinville .	208	Sep. 13, 1906
Fitzsimmons, G. E.	Calgary . .	237	Sep. 24, 1906
Gagnon, Alf.	St. Albert	55	May 28, 1900
Gaetz, Jas F.	Red Deer .	226	April 23, 1902
George, John	Kamloops, B.C. .	478	June 13, 1904
Giddings, Thos.	Calgary .	488	Mar. 14, 1904
Grigat, John .	Leduc . . .	533	April 13, 1904
Goebel, H. C. . .	Edmonton .	543	April 18, 1904
Gardner, Marquis . . .	Red Deer .	780	Mar. 24, 1905
Green, Jno	Medicine Hat . .	857	June 14, 1905
Gallup, Wal. E...	Medicine Hat	858	June 14, 1905
Groat, Frank .	Bon Accord....	890	Aug. 31, 1905
Griffin, Hy. . . .	Stavely	11	Sep. 16, 1905
Groat, Erick	Spruce Grove .	65	Mar. 16, 1906
Gibeault, J. Eugene . . .	Morinville . .	70	Mar. 16, 1906

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Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO OF CERT.	DATE OF ISSUE
<i>Third Class—Continued</i>			
Gair, Wm	Strome	96	April 18, 1906
Graf, Jno	Fort Saskatchewan	92	April 11, 1906
Galloway, Alex	Medicine Hat	84	April 11, 1906
Goodfellow, Jas.	Calgary . . .	118	April 30, 1906
Gong, P. S	Mountain View	169	Aug. 11, 1906
Garncau, Larrey	Strathcona .	224	Sep. 13, 1906
Godley, Morris W	Red Deer	238	Sep. 27, 1906
Huer, Jesse James	Strathcona	24	Oct. 9, 1899
Harold, Dav	Edmonton	54	May 28, 1900
Heffner, Frank	Bruderheim	92	Nov 15, 1900
Holden, J. A. .	Strathcona	114	Dec 31, 1900
Hober, Jno. W	Ponoka	214	Jan 7, 1902
Harris, Ed. . .	Star . . .	327	Dec 18, 1902
Hudson, Art. C	Edmonton	330	Jan 6, 1903
Hehsdoerfer, Jos	Edmonton	359	Mar 13, 1903
Haney, Sylvester	Lacombe	482	Jan 28, 1904
Houghestol, Anton	Wetaskiwin	516	April 18, 1904
Harold, John, Jr.	Edmonton	534	April 18, 1904
Hackey, Thomas Hy	Evarts..	778	Mar. 24, 1905
Hankehadl, Edgar O	Duhamel	785	Mar. 27, 1905
Hardey, Alb W.	Lake Demay	787	Mar. 27, 1905
Henschel, August	Strathcona	49	Sep. 23, 1905
Hill, Marshall .	Macleod	13	Sep. 16, 1905
Hart, Wm. James	Raymond	22	Sep. 16, 1905
Hacking, Geo. A.	Magrath	23	Sep. 16, 1905
Hayberger, Chas E	Fort Saskatchewan	34	Sep. 16, 1905
Hewitt, Robt E	Bon Accord	38	Sep. 18, 1905
Hayes, Morion L	Tofield	91	April 11, 1906
Headley, Henderson	Medicine Hat	88	April 11, 1906
Higgins, Jas A	Medicine Hat	87	April 11, 1906
Humbke, Dtrich E	Battle River	101	April 20, 1906
Hunter, Wm. Jno	Fort Saskatchewan	109	April 24, 1906
Hobson, Pat. Jos	Strathcona	130	May 4, 1906
Hunter, Fred H	Didsbury	151	May 31, 1906
Hallett, Geo E	Camrose	163	July 7, 1906
Henry, Ortus	Claresholm	177	Aug. 13, 1906
Heacock, Jas. H	Calgary .	200	Aug. 13, 1906
Hendry, Wm. A. .	Edmonton	208	Sep 13, 1906
Heighington, J. H.	Rosenroll	230	Sep 20, 1906
Hammitt, J. A	Wetaskiwin	234	Sep 20, 1906
Harris, A. J.	Chipman .	223	Sep. 13, 1906
Ingarm, Isaac	Strathcona	21	Oct. 9, 1899
Imerson, Geo.	Stoney Plain	206	Dec 18, 1901
Inglis, Geo	Red Deer	779	Mar. 24, 1905
Ibson, Claus Wm	Mewassin	804	Mar. 31, 1905
Isaacson, Frank	Claresholm .	191	Aug. 13, 1906
Iverson, Olaf.	Molstad..	231	Sep 20, 1906
Jackson, Chas.	Calgary .	66	July 19, 1900
Joyner, Chas. A..	Bentley .	173	Oct. 2, 1901
James, Durham D.	Didsbury	321	Nov. 1, 1902
Jeune, Ivan	Wetaskiwin	332	Feb. 13, 1902
Jameson, Johnson	Ponoka .	353	April 24, 1903
Johnson, Conrid	Red Deer	414	Aug. 29, 1903
Jameson, Chas. W	Ponoka .	644	Oct. 15, 1903
James, F. S. . .	Ponoka	28	Sep. 16, 1905
Johnson, Elijah	Canyon .	61	Dec. 29, 1905
Johnson, Ed .	Diana .	99	April 20, 1906
Janeson, Lewis C	Alix	114	April 25, 1906

SCHEDULE of Holders of Final Certificates of Qualification under The
Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO. OF CERT	DATE OF ISSUE
<i>Third Class—Continued.</i>			
Jones, Jack	Bankhead .	140	May 14, 1906
Johnson, Benj. F	Raymond .	186	Aug 13, 1906
Jones, Frederick	Coleman.	189	Aug 13, 1906
Jobb, Chas	Strathcona	222	Sep. 13, 1906
Krause, Otto	Innisfail	171	Oct 1, 1901
Kamngiesser, Simon	Lacombe.	512	April 18, 1904
Kelsey, A. F.	Clover Bar	535	April 18, 1904
Knapp, Harry H.	Edmonton	645	Oct. 15, 1904
Kerwin, Jas	Leavings .	748	Mar. 16, 1905
Kolner, Bernard	Millet	793	Mar. 27, 1905
Klapstein, Ed.	Ellershe	49	April 25, 1900
Krouse, Wihlem	Spruce Grove .	819	April 14, 1905
Kallis, Ed	Strathcona .	847	May 16, 1905
Knight, Harry P	Edmonton	35	Sep. 16, 1905
Krinke, August	Highland Park	46	Sep. 18, 1905
Kerr, John	Calgary	64	Mar. 9, 1906
Kennedy, Dent.	Calgary	124	April 30, 1906
Karnagel, F. R.	Didsbury	154	May 31, 1906
Kiddle, Thos M.	Stirling.	165	Aug. 11, 1906
Kearney, W. J.	Claresholm .	178	Aug. 13, 1906
Keith, Ed. C.	Lille . .	184	Aug 13, 1906
Kjosness, Peder	Martins .	217	Sep. 13, 1906
Krendrew, Jos W	Edwell	250	Oct. 5, 1906
Krinke, Benj	Highland Park	249	Oct. 5, 1906
Lamoureux, Alcibiade	Lamoureux	96	Nov. 15, 1900
Lewis, Wm. H.	Innisfail	888	Aug. 28, 1905
Lee, Geo.	Edmonton	200	Dec. 18, 1901
Lamoureux, Alfonse	Lamoureux	186	Dec. 18, 1902
Loiselle, Jerry	Red Deer	225	April 23, 1902
Lundy, Wm Thos	Innisfail	227	April 23, 1902
Linch, Alex W	Blairmoir	259	Aug. 18, 1902
Lyseng, Knut K.	Bittern Lake	390	Aug 7, 1903
Lindberg, Erick.	Calmar	510	April 18, 1904
Langhausen, Jacob .	Fort Saskatchewan	523	April 18, 1904
Langhausen, Peter	Fort Saskatchewan	524	April 18, 1904
Lee, And. E. . .	Wetaskiwin	525	April 18, 1904
Lehman, Harison	Edmonton	633	Oct. 15, 1904
Lancing, Geo	Leavings	747	Mar. 16, 1905
Logan, John .	Penhold	774	Mar. 24, 1905
Logan, Dan	Red Deer	783	Mar 24, 1905
Lee, Oscar E...	Wetaskiwin	988	Mar 27, 1905
Long, Albert W. . .	Namoo . .	36	Sep. 16, 1905
Lindholm, And G. J	Burnt Lake	60	Dec. 29, 1905
Lee, Alb.	Wetaskiwin .	97	April 20, 1906
Laine, Francois P.	Bankhead	138	May 14, 1906
Lambe, Alex	Didsbury	150	May 30, 1906
Linkous, Jas. B.	Raymond .	173	Aug. 13, 1906
Lindsay, Sam. D	Strathcona .	212	Sep. 13, 1906
Lennox, Jas A .	Red Deer	251	Oct. 5, 1906
Lungi, Liega .	Lille .	256	Dec 28, 1906
Morkin, Jno	Dunbow	39	Dec. 1, 1899
Martin, M. Z. .	Morinville	56	May 28, 1900
Mitchell, Timothy .	Red Deer	119	Feb. 7, 1901
Mather, E. M	Calgary .	133	June 6, 1901
Morden, Jacob R	Lacombe.	187	Dec. 18, 1901
Moore, John R	Innisfail	190	Dec. 18, 1901
Munier, Wilfred . .	Morinville. .	199	Dec. 18, 1901
Miller, Philip.	Stoney Plain	201	Dec. 18, 1901

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<i>Third Class—Continued.</i>			
Meneely, Wm. . .	Edmonton	204	Dec. 18, 1901
Mikesthus, Michael .	Leduc	210	Dec. 18, 1901
Morkberg, D. .	Innisfail	232	April 23, 1902
Martin, Hy. E.	Wardner, B.C.	Dup. 854	June 13, 1905
Mooney, W. S. .	Lacombe..	513	April 18, 1904
Mayerhofer, Ford..	Edmonton	512	April 18, 1904
Murray, A. A.	St. Albert .	536	April 18, 1904
Meunier, J. H. .	Mornville .	537	April 18, 1904
Meredith, Wilbert .	Edmonton	538	April 18, 1904
Matthews, Geo. .	Strathcona .	636	Oct. 15, 1904
Morgan, Oscar .	Strathcona .	643	Oct. 15, 1904
Maxfield, W. H.	Namoo	646	Oct. 15, 1904
Meed, Francis A...	Pincher Creek	678	Dec. 30, 1904
May, Dan .	Blairmore .	681	Jan. 21, 1905
Murray, Robinson..	Calgary .	742	Mar. 16, 1905
Mew, John	Calgary .	750	Mar. 24, 1905
Murphy, Wm. H.	Calgary .	745	Mar. 16, 1905
Muir, Wm. J. .	Ponoka .	764	Mar. 24, 1905
Meeris, Horice .	Red Deer	776	Mar. 24, 1905
Marler, Wal.	Clover Bar.	779	Mar. 31, 1905
Mohr, John Jacob .	Edmonton	870	July 6, 1905
Morel, H. F...	Edmonton	37	Sep. 16, 1905
Melnyk, Wm.	Star	40	Sep. 18, 1905
Mason, Jos. D...	Clover Bar.	43	Sep. 18, 1905
Moss, Rich.	Edmonton	81	Mar. 26, 1906
Mahood, Robt. F.	Beaufort .	94	April 11, 1906
Murray, Dan A.	Bentley .	105	April 24, 1906
Mitchell, Jos. C.	Tees .	111	April 25, 1906
Moland, Jack .	Bankhead	139	May 14, 1906
Moritz, Hy. C. .	Olds .	146	May 31, 1906
Moritz, Lewis J. A.	Olds..	148	May 31, 1906
Morkeberg, Holger .	Markerville .	157	May 31, 1906
Murray, Thos. N. .	Medicine Hat	171	Aug. 11, 1906
Maxwell, Timothy	Claresholm	180	Aug. 13, 1906
Muir, Geo. A. .	Morrissey, B. C.	182	Aug. 13, 1906
Maunchaw, August	Strathcona .	218	Sep. 13, 1906
Mead, Wm.	Edmonton	221	Sep. 13, 1906
Maxfield, Geo. A.	Namoo	236	Sep. 20, 1906
Miller, Dick F...	Blackfalds .	241	Sep. 27, 1906
Malcher, Chas....	Wetaskiwin	246	Oct. 5, 1906
McKernan, Jas. .	Edmonton	28	Oct. 9, 1899
McDonald, Finlay .	The Sturgeon .	86	Oct. 23, 1900
McClellan, Jno.	Fort Saskatchewan .	93	Nov. 15, 1900
McLeod, Millage J.	Fort Saskatchewan .	94	Nov. 15, 1900
McKellar, Jno...	Fort Saskatchewan .	95	Nov. 15, 1900
McKinley, Murdoch	Stoney Plain	203	Dec. 18, 1901
McLean, Arch..	Lethbridge ...	250	Aug. 18, 1902
McLean, Alex. M.	Calgary . .	347	Mar. 9, 1902
McGarry, Fred	Lacombe .	355	April 24, 1902
McDonald, Wm.	Penhold	369	May 13, 1903
McConnell, Jas. R.	Red Deer	372	May 13, 1903
McCauley, Jas.	Rabbit Hill	No R	June 10, 1903
McCauley, Alex. .	Edmonton	520	April 18, 1904
McLean, J. A.	Star .	539	April 18, 1904
McDermott, J. A. D.	Edmonton .	540	April 18, 1904
McFadyen, Jno. R. .	Strathcona .	553	June 3, 1904
McDonald, Malcolm.	Mountain Mill	594	Sep. 14, 1904
McLeod, D. J. W. .	Strathcona .	641	Oct. 15, 1904
McKenzie, Dan.	Lacombe..	760	Mar. 24, 1905
McInroy Paul .	Edwell .	773	Mar. 24, 1905
McEachren, Mal ...	Leduc	792	Mar. 27, 1905

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<i>Third Class—Continued.</i>			
McCarthy, Jas.	Calmar .	795	Mar. 27, 1905
McCardia, Sam	Edmonton . . .	801	Mar. 31, 1905
McPhail, Jno. .	Bellevue	8	Sep. 16, 1905
McNeilly, S. .	Okotoks	18	Sep. 16, 1905
McDonald, Dan	Morinville .	66	Mar. 16, 1906
McLaughlin, Chas .	Namoo	68	Mar. 16, 1906
McCallum, Alb. Wm .	Beaver Lake	95	April 18, 1906
McAnnaly, Peter J. . .	Crossfield	153	May 31, 1906
McLean, Wm. Jno .	Hillcrest	188	Aug. 13, 1906
MacPherson, Jas P.	Bentley	248	Oct. 5, 1906
Nelson, Frank. .	Wetaskiwin . . .	60	May 30, 1900
Nichol, David	Innisfail . . .	191	Dec. 18, 1901
Noyes, Dan E.	St. Albert . . .	197	Dec. 18, 1901
Nichols, Jas. J	Edmonton . . .	358	May 13, 1903
Niven, Jno.	Lethbridge . . .	451	Oct. 6, 1903
Nehr, Wm. A.	Edmonton . . .	75	Mar. 26, 1906
Nehr, Hy. R. .	Edmonton . Duplicate	25	Sep. 28, 1906
Noel, Kenneth E..	Canyon . . .	113	April 25, 1906
Nelson, Wil . .	Calgary . . .	119	April 30, 1906
Nelson, Art. W ..	Edmonton . . .	132	May 10, 1906
Neeb, Louis	Edmonton . . .	161	June 5, 1906
Nicholls, Alex. J.	Edmonton . . .	220	Sep. 13, 1906
Neis, Geo. M.	Lamerton . . .	228	Sep. 20, 1906
Ottewell, Rich. P.	Edmonton . . .	27	Oct. 9, 1899
Omand, Jno.	Edmonton . . .	522	April 18, 1904
Olson, H. B.	Ellerslie . . .	542	April 18, 1904
Oliver, Wesley N	Wostok . . .	814	April 14, 1905
Olson, Gilbert E. .	Star . . .	815	April 14, 1905
Ottewell, Alb.	Clover Bar . . .	77	Mar. 26, 1906
O'Dell, Geo. W.	High River . .	198	Aug. 13, 1906
Pearce, Jas. . .	Edmonton . . .	87	Oct. 23, 1900
Putman, Alb. E. .	Edmonton . . .	202	Dec. 18, 1901
Powell, Jas. A.	Edmonton . . .	208	Dec. 18, 1901
Pearce, Wm.	Edmonton . . .	229	April 23, 1902
Pimm, Jno.	Lethbridge . .	258	Aug. 18, 1902
Pullshy, Wm	Star . . .	384	June 23, 1903
Pullesen, Pet.	Calgary . . .	492	Mar. 14, 1904
Piper, F. E.	Red Deer . . .	546	April 18, 1904
Porter, Gerald Aubrey .	Red Deer . . .	781	Mar. 24, 1905
Peterson, Robt F.	Wetaskiwin . . .	789	Mar. 27, 1905
Piepgrass, Frederick .	Raymond . . .	24	Sep. 16, 1905
Pearson, Herb. S. . .	Red Deer . . .	62	Dec. 29, 1905
Pfluger, Geo..	Wetaskiwin . . .	98	April 20, 1906
Peterson, Martin E	Claresholm . .	179	Aug. 13, 1906
Pallot, Herb. J. .	Edmonton . . .	226	Sep. 20, 1906
Payzant, H. C.	Edmonton . . .	253	Nov. 19, 1906
Robinson, Jno.	Edmonton . . .	26	Oct. 9, 1899
Rutherford, Jno. .	Medicine Hat .	82	Sep. 29, 1900
Ross, Thos. G. .	Poplar Lake . .	92	Nov. 15, 1900
Rattray, Arch B .	Edmonton . . .	108	Dec. 15, 1900
Raife, And.	Bon Accord . . .	301	Oct. 2, 1902
Ryan, Jas.	Wetaskiwin . . .	316	Oct. 22, 1902
Redig, Valentine .	Lacombe . . .	514	April 18, 1904
Rivet, Art. . .	Morinville . . .	549	May 27, 1904
Rattray, Thos. A., Jr .	Edmonton . . .	550	May 26, 1904
Ramsay, Jas. . .	Coleman . . .	620	Oct. 7, 1904
Rice, Geo. A. .	Strathcona . .	39	Sep. 18, 1905

SCHEDULE of Holders of Final Certificates of Qualification under The
Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO. OF BERL.	DATE OF ISSUE
<i>Third Class—Continued.</i>			
Rath, Edwin L..	Conjuring Creek	93	April 11, 1906
Read, Edgar A.	Manfred	102	April 20, 1906
Ramsay, Jas. Hy. .	Evarts..	127	May 5, 1906
Reese, Hy E. .	Wetaskiwin	137	May 10, 1906
Roulston, Robt.	Bowden	160	May 31, 1906
Robearge, Wm .	Vegreville	215	Sep 13, 1906
Rorem, P. A .	Duhamel	233	Sep. 20, 1906
Roxstad, Abraham	Wetaskiwin	247	Oct 5, 1906
Stadelbauer, Simon	Spruce Grove .	4	Sep. 18, 1899
Stewart, Thomas H. .	Strathcona	30	Oct 9, 1899
Smith, Wm. F.	Athabasca Land	38	Nov 28, 1899
Shaw, Jno York . .	Midnapore	40	Dec. 1, 1899
Saunders, Elias T	Lethbridge .	47	Mar. 23, 1900
Snider, Jno. B.	Okotoks	68	July 19, 1900
Steffles, Ferdinand	Morinville .	90	Nov. 15, 1900
Schlegel, Frk.	Duhamel..	118	Jan. 26, 1901
Stewart, Archie	Edmonton	161	Sep. 7, 1901
Stulz, Frank	St. Albert .	196	Dec. 18, 1901
Steffles, Jos. .	Morinville .	91	Nov. 15, 1900
Simrson, Robt N.	Edmonton	198	Dec. 18, 1901
Sollitt, Jno. H	Strathcona .	209	Dec. 18, 1901
Sloane, Wm J.	Calgary	145	May 6, 1906
Smith, Sam. W.	Leduc	228	April 23, 1902
Shantz, Jeremiah B. ..	Didsbury	320	Nov. 1, 1902
Still, Wm.	Vegreville	328	Dec. 18, 1902
Stewart, Jas. A	Beaver Lake	329	Dec. 18, 1902
Strome, Theod	Calgary .	346	Mar 9, 1903
Shields, Wm. K	Strathcona	363	May 13, 1903
Simonson, Hy. .	Northern	378	June 6, 1903
Smith, Larnet Eugene	Ponoka	387	July 13, 1903
Stulz, Frk..	Okotoks	591	Sep 6, 1904
Schatz, Robt	Strathcona .	635	Oct 15, 1904
Swift, W. L .	Edmonton	647	Oct 15, 1904
Stokes, Ern A .	Calgary	728	Mar. 11, 1905
Swingle, Wal A. .	Didsbury	751	Mar. 24, 1905
Scott, Geo. Wm	Innisfail	758	Mar. 24, 1905
Spannel, Jno .	Leduc	796	Mar. 7, 1905
Scott, Sam R ..	Olds	797	Mar 28, 1905
Stafford, Jno ..	Solomon.	817	April 14, 1905
Short, Walker	Mewassin	826	May 13, 1905
Schulli, Anglo. ...	Lille .	2	Sep. 16, 1903
Skouson Z N.	Raymond .	21	Sep. 16, 1905
Skouson, Pet. N. ...	Raymond	25	Sep. 16, 1905
Sherwood, L. H..	Beaumont	29	Sep 16, 1905
Swedfeger, Amos	Leduc	41	Sep 18, 1905
Svarich, Pet.	Kolomea	76	Mar. 26, 1906
Suru, Jno.	Edmonton	78	Mar. 26, 1906
Slingsby, Syd..	Calgary .	117	April 30, 1906
Schrouder, Ed H.	High River .	120	April 30, 1906
Sherlin, Adam .	Red Deer	128	Mar. 4, 1906
Smith, Chas. W.	Foreman .	131	May 10, 1906
Stevenson, Jos McCoy .	Innisfail	155	May 31, 1906
Spietman, Alf. .	Innisfail	159	May 31, 1906
Saunders, T Aaron	Cardston	166	Aug. 11, 1906
Stephen, Jas.	Frank	175	Aug. 13, 1906
Stannk, Isidore	Frank	176	Aug. 13, 1906
Stillman, Geo. F.	Spring Point	181	Aug. 13, 1906
Stuckey, Rich ..	Pincher Creek	185	Aug. 13, 1906
Scribner, Jos .	Leavings .	190	Aug. 13, 1906
Smith, Jno. H.	Nanton .	195	Aug. 13, 1906

SCHEDULE of Holders of Final Certificates of Qualification under The
Steam Boilers Act.—*Continued.*

NAME	ADDRESS	NO. OF CERT.	DATE OF ISSUE
<i>Third Class—Continued.</i>			
Stevens, H. E. .	Macleod	202	Aug. 13, 1906
Smith, Dav. H.	Calgary	206	Aug. 25, 1906
Somerset, Robt M	Vermilion	210	Sep. 13, 1906
Smith, Jno.	Pakan .	211	Sep. 13, 1906
Stevens, Harry L. .	Olds .	240	Sep. 27, 1906
Small, Jessie J.	Didsbury	243	Sep. 26, 1906
Scott, Walter .	Calgary .	254	Dec. 1, 1906
Trimble, H. W.	Red Deer	195	Dec. 18, 1901
Townsend, R. C	Canmore	314	Oct. 20, 1902
Turnet, Leon J.	Gleichen	469	Nov. 6, 1903
Terry, Peter .	Okotoks	470	Nov. 6, 1903
Turnbull, Robt .	Strathcona .	519	April 8, 1904
Trussler, A. P. .	Highland Park	612	Sep. 27, 1904
Tennynson, John C	Leduc	722	Mar. 3, 1905
Trimble, Clarence A	Red Deer	782	Mar. 24, 1905
Tillapaugh, Jno.	Warwick	48	Sep. 23, 1905
Tasker, Hy. A.	Nanton .	1	Sep. 15, 1905
Tanner, Jos. Wm	Raymond	15	Sep. 16, 1905
Thomas, A. I	Frank	53	Oct. 13, 1905
Tabbacchi, Stephen	Lethbridge .	26	Sep. 16, 1905
Treasure, Sam.	Claresholm	58	Dec. 19, 1905
Trimbley, Miles I. .	Edmonton	73	Mar. 26, 1906
Taylor, David A. .	Red Deer	162	July 7, 1906
Tufts, Josiah	Taber	187	Aug 13, 1906
Turner, Ern H	Warwick .	214	Sep. 13, 1906
Utas, Pet..	Wetaskiwin	331	Feb. 13, 1903
Umbach, Wm .	Spruce Grove .	357	May 13, 1903
Umbach, John H .	Spruce Grove .	67	Mar. 16, 1906
Vogel, Wm .	Strathcona .	22	Oct. 9, 1899
Van Meter, Chas. E. .	Millet	212	Dec. 18, 1901
Vanaker, Louis	St Albert .	373	May 13, 1903
Veeder, Robt B...	Wetaskiwin	791	Mar. 27, 1905
Van Selsick, Jacob ..	Edmonton	32	Sep. 16, 1905
Van Wegem, Louis .	Raymond .	42	Sep. 18, 1905
Vogel, Ferd. .	Strathcona .	45	Sep. 18, 1905
Vig, Casper O. .	Bentley .	110	April 25, 1906
Witmer, Abraham M. .	Strathcona .	29	Oct. 9, 1899
Wilson, Jas	Calgary .	65	July 19, 1900
Wulff, Mick .	Edmonton	207	Dec. 18, 1901
Walker, Robt	Edmonton	251	Aug. 18, 1902
Weder, Frank	Beaver Hills .	462	Oct. 28, 1903
Wells, Charlie	Rosenroll	517	April 18, 1904
Wardrope, John L. .	East Clover Bar	640	Oct. 15, 1904
Wright, Geo W	Calgary .	664	Oct. 28, 1904
Will, Louis	Bankhead .	682	Jan. 31, 1905
Wilkinson, Richards .	Olds .	754	Mar. 24, 1905
Whitecotton, Robt. M.	Lacombe ... Duplicate	164	July 14, 1906
Wilson, Wm Jos.	Coleman.	9	Sep. 16, 1905
Wallace, W. J. .	Macleod	12	Sep. 16, 1905
Wilcox, Jas. E. .	Coleman.	19	Sep. 16, 1905
Wood, Wm F	Tofield	44	Sep. 18, 1905
Wahlen, Jas.	Edmonton	69	Mar. 1, 1906
Waterberg, Theo.	Camrose .	100	April 20, 1906
Watts, Sam .	Lacombe..	103	April 24, 1906
Werber, Wm. Fred.	Red Deer	108	April 24, 1906
Waymark, Rich. I. .	Calgary .	123	April 30, 1906
Whittaker, Wm..	Edmonton	129	May 4, 1906

SCHEDULE of Holders of Final Certificates of Qualification under The
Steam Boilers Act.—Continued.

NAME	ADDRESS	NO OF CFRT	DATE OF ISSUE
<i>Second Class—Continued</i>			
Walker, Robt. B	Strathcona .	134	May 10, 1906
Wisler, Oliver P.	Stettler . . .	136	May 10, 1906
Webber, Alf.	Medicine Hat	168	Aug. 11, 1906
Wilson, R. J	High River..	197	Aug. 13, 1906
Wickens, J. A. .	Cayley .	199	Aug 13, 1906
Webb, Jas F.	Exhall .	201	Aug. 13, 1906
Wright, Bruce M..	Calgary .	205	July 30, 1906
Watters, Wm. E.	Strathcona	227	Sep. 20, 1906
Young, Art	Banff .	491	Mar. 14, 1904
Young, D. M.. . .	Lethbridge	4	Sep. 16, 1905
Yeamans, Chas. A	Edmonton	74	Mar. 26, 1906
Zuehlke, F. C..	Urghart .	188	Dec. 18, 1901
Zimmerman, Otto .	Red Lodge .	756	Mar 24, 1905

ACCOUNTANT'S BRANCH.

Staff	{ 1 accountant. 1 assistant accountant. 1 clerk.
Total amount voted for public works	\$996,000 00
Total amount expended..	645,961 18
Number of accounts examined, certified, and passed to Treasury Department for pay- ment	5,008
Amount collected as departmental revenue and paid to the credit of general revenue .	7,681 21
Amount received on account of large local im- provement districts and deposited to trust account	80,941 22
Number of accounts for work done in large local improvement districts, examined and passed for payment .	482
Total number of accounts examined and pass- ed for payment.	5,490
Number of cheques issued in payment of accounts in large local improvement districts .	1,492
Total amount dealt with through the books of the department during the year 1906 ..	\$734,583 61

Administration and Supervision.

The total amount expended in construction and maintenance of public works for the year 1906 was \$465,084.73, and of this amount \$34,203.18 was paid by large local improvement districts.

The amount expended on inspection was \$8,952.73, which is 19 per cent. of the total amount expended, providing the cost of work paid for by large local improvement districts was omitted, the percentage expended on inspection would be .20%.

The total cost of administration and supervision of work paid from general revenue alone was .36%, while the cost of administration and supervision including the work paid from large local improvement funds was .45%.

Total amount dealt with by the department during the year 1906 was	\$645,961 18
Total expenditure of departmental staff	23,790 73
Percentage of cost of administration	.36%
Percentage of cost of administration, including local improvement staff	.45%
Amount expended on bridges, roads and maintenance of same was	\$430,881 55
Amount expended on superintendence and inspec'n	8,952 73
Percentage of cost for superintendence and inspection was	.20%

ENGINEERING BRANCH.

Staff .	{ Assistant chief engineer. Chief clerk . Draughtsman. Clerk in charge of records. Two stenographers.
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During the season 180 bridges were constructed and 65 bridges repaired, making a total of 245 bridges dealt with. Owing to the early set in of severe weather, we were unable to complete quite a number of small bridges, the construction of which was anticipated this year. The office work of this branch shows that 14 plans, 51 contracts and 266 bills of quantity were prepared and recorded. As regards the small number of plans prepared, it might be stated by way of explanation that plans were prepared for only large structures requiring special design, the small structures being constructed in accordance with standard plans. Owing to the extension of railways, opening up of the country and the influx of population the work of this branch in connection with the construction and maintenance of public works has greatly increased, and, in order to cope with the situation, it has been found necessary to increase the staff.

Construction of Bridges.

Relative to the construction of bridges, it might be stated that while quite a number of the smaller structures were of timber on pile substructures, we find that, owing to the increased price of timber, that although steel and concrete cost more, we are, in view of the duration and substantiality of such structures, justified in constructing them on streams requiring anything over 50 ft. or 60 ft. of bridging. The expenditure in connection with bridges for the year is \$233,760. A schedule of bridges constructed and repaired together with a complete list of steel bridges in the province is shown below:

BRIDGES.

STREAM	LOCATION	REMARKS
Aitkens creek	28/33-29-4w5	Moving bridge.
Aitkens creek	32/5-29/30-4w5	Assisting local council.
Alkali flats	6-24-22w4 .	Two 20 ft. span standard bridge on pile bents.
Belly river	12-3-28w4 .	125 ft. steel span, and 20 ft. standard pile bent approaches, pile pier and abutments.
Belly river .	At Lethbridge.	Culverts on roads to ferry.
Belly river .	3/34-40/41-17w4 .	Reflooring steel bridge.
Big Knife creek		One 20 ft. span standard bridge on pile bents
Big coulee.	7/18-29-3w5.	20 ft. span standard bridge on pile bents.
Birch creek	32/33-51-15w5.	Two 16 ft. span standard bridges on pile bents
Blackfoot coulee.	4/1-46-28/1-3/4	Construction of bridge.
Bow river	At Calgary . .	Four 135 ft. steel spans with concrete foundations.
Beaver Dam creek .	12/13-29-4w5.	30 ft. wood truss and 20 ft. span pile approach.
Bow river	At Calgary .	Repairs.
Bulls Head creek.	16-12-5w4 .	Repairs.
Bulls Head creek.	28/29-11-5w4.	Repairs.
Bulls Head creek.	1/36-10/11-4w4	Repairs
Burnt river	From Spint River to Grand Prairie	32 ft truss span and two 28 ft. span and 16 ft approach.
Blois creek	13/18-30-26/27w4 .	Two 18 ft. span standard bridges on pile bents
Boag creek . .	19/30-52-22w4.	Three 20 ft spans, standard bridge on pile bents.
Branch of Sturgeon river..	21/22-55-24w4	18 ft. span standard bridge on pile bents
Birch creek.	6-51-8w4 .	Two 16 ft. spans, standard bridge on pile bents.
Birch creek.	16/17-49-12w4.	Two 16 ft. spans, standard bridge on pile bents.
Blackfoot coulee .	26/33-46-1/28-3/4	Constructing bridge
Blackfoot coulee..	13/16-46-1/28-3/4	Constructing bridge.
Battle river .	9-45-28w3 .	125 ft. steel bridge and two 20 ft approaches.
Battle river .	5-46-20w4	100 ft steel bridge and three 20 ft. pile bent approaches.
Battle river	RL's39/15-46-21w4	100 ft. steel span bridge with three 20 ft. pile span approaches
Battle river	5/6-46-23w4 .	New floor on bridge
Boag creek	19/20-52-22w4	20 ft. span standard bridge on pile bents.
Creek	9/16-30-4w5 .	20 ft standard bridge on pile bents
Creek.	33-56-16w4	20 ft. span standard bridge on pile bents.
Creek.	22-53-23w4 . .	Repairs
Creek. . .	21/22-24-3w5	Repairs.
Creek	2/3-2-25w4 .	Repairs.
Creek	10-9-26w4	One 20 ft span bridge on pile bents
Creek	23-55-21w4. . .	16 ft span standard bridge on pile bents
Creek	34-45-21w4 .	Two 20 ft span standard bridges on pile bents.
Creek	4/5-51-12w4	Two 20 ft. span standard bridges on pile bents.
Creek.	26/27-57-15w4 .	One 20 ft. span standard bridge on pile bents

BRIDGES.

STREAM	LOCATION	REMARKS
Creek	S. $\frac{1}{2}$ 7-42-24w4.	One 20 ft. span and one 16 ft. standard span bridge on pile bents.
Creek	2/35-38/37-26w4	20 ft. span standard bridge on pile bents
Creek	28/29-39-1w5	20 ft. span standard bridge on pile bents.
Creek	2/35-38/37-26w4	20 ft. span standard bridge on pile bents.
Creek	Chief's House, Michiel reserve	16 ft. span round timber bridge.
Creek	E. of do.	16 ft. span round timber bridge
Creek	W. of do	16 ft. span round timber bridge
Creek	20-51-24w4	16 ft. span standard bridge on pile bents.
Creek	25/26-52-24w4	12 ft. span standard bridge on pile bents
Creek	23/24-52-24w4	16 ft. span standard bridge on pile bents
Creek	7/12-51-23/24w4	16 ft. span standard bridge on pile bents
Creek.	7/12-52-24/25w4	Repairs.
Creek	28/33-56-16w4	20 ft. span standard bridge.
Creek	31/32-54-20w4.	16 ft. span bridge on pile bents.
Creek	31/36-54-20/21w4.	16 ft. span bridge on pile bents.
Creek	1/6-55-20, 21w4	16 ft. span bridge on framed bents.
Creek	32/33-55-20w4.	Constructing bridge, 16 ft. span on pile bents
Creek	35/2-55/56-20w4	Constructing bridge, 16 ft. span on pile bents.
Creek.	23/24-55-14w4	20 ft. span standard bridge on pile bents
Creek	7/8-56-16w4	20 ft. span standard bridge on pile bents
Creek	1/36-51/52-13w4	20 ft. span standard bridge on pile bents
Creek	4-51-19w4	Constructing 20 ft. span standard bridge on pile bents.
Creek.	9/16-46-26w4	16 ft. span standard bridge.
Creek	On road to Duhamel bridge.	2 small bridges.
Creek.	1/2-45-18w4	Small bridge
Coulee	5-8-29w4	16 ft. span bridge on framed bents.
Coulee	20-7-29w4	20 ft. span bridge on framed bents.
Coutreville creek	3-54-2w5	Repairs
Crowfoot creek	5/6-24-22w4	Two 20 ft. span bridges on pile bents.
Cochrane-Banff trail	4 miles west of Morley	20 ft. standard bridge on pile bents.
Cochrane-Banff trail.	5 miles W. of Morley	20 ft. standard bridge on pile bents.
Cochrane-Dog Pound trail	34-27-4w5.	20 ft. standard bridge on pile bents.
Cochrane-Dog Pound trail	26/27-28-4w5	20 ft. standard bridge on pile bents.
Coal creek, Cochrane and Banff trail	26-5w5	Repairs
Coulee	34/3-29/30-4w5	20 ft. standard bridge on pile bents.
Creek.	3/4-35-28w4	20 ft. span standard bridge on pile bents
Creek	8/17-35-28w4	20 ft. standard bridge on pile bents.
Creek.	23/24-36-28w4	Reconstruction 20 ft. span standard bridge on pile bents.
Creek	7/18-36-1w5	20 ft. span on log abutments.
Coulee	21/22-6-20w4	20 ft. span on pile bents.
Creek	7-41-26w4.	One 20 ft. span standard bridge on pile bents.
Creek	4/9-39-25w4	One 20 ft. pile span bridge on pile bents.
Creek	31/36-39-24/25w4.	One 20 ft. bridge on pile bents.

BRIDGES.

STREAM	LOCATION	REMARKS
Creek .	4/33-42/41-21w4 .	Two 20 ft. spans, standard bridge on pile bents.
Creek...	27-41-26w4. . .	One 20 ft. span standard bridge on pile bents.
Creek .	36/1-39/40-25w4	20 ft. span standard bridge on pile bents.
Conjuring creek	1-50-27w4 .	Two 20 ft. spans, standard bridge on pile bents.
Coulee	1-48-24w4 . . .	Two 20 ft. spans, standard bridge on pile bents.
Coulee.	N.W. 14-12-29w4	Two 20 ft. spans, standard bridge on pile bents.
Coulee S .	S.E. 15-12-29w4	Two 20 ft. spans, standard bridge on pile bents.
Creek .	E. of 13-9-3w4. .	Constructing 20 ft. span standard bridge on pile bents.
Coulee .	29-7-1w5 . .	Two 20 ft. spans, standard bridge on pile bents
Coulee.	N. of 32-7-29w4 .	20 ft. span standard bridge on pile bents.
Creek	18-56-21w4 . .	18 ft. span standard bridge on pile bents.
Daly creek	16-10-27w4	Two 20 ft. spans, standard bridge on pile bents.
Daly creek. . . .	10/15-10-27w4. .	Two 20 ft. spans, standard bridges on pile bents.
Daly creek. . . .	21-10-27w4 . . .	Three 20 ft. spans, standard bridge on pile bents.
Daly creek...	28/29-10-27w4 . .	Two 20 ft. span standard bridge on pile bents
Daly creek . .	20/29-10-27w4 .	Two 20 ft. span standard bridge on pile bents
Daly creek . . .	22/27-10-28w4 .	Two 20 ft. span standard bridge on pile bents.
Deep creek.	14/15-55-21w4	One 16 ft. span bridge on pile bents.
Dog Pound creek . .	12/13-29-4w5	40 ft. wooden truss with two 20 ft. span standard bridges on pile bents.
Dowler creek .	R. L's 23a & 25a 52-24w4	50 ft. wooden truss and two 20 ft span approaches on pile bents.
Deep creek .	Edmonton-Athabasca trail	16 ft. span standard bridge on pile bents.
Deep creek	11/14-55-21w4	20 ft. span bridge on pile bents.
Dry river... .	18/13-52-12/13w4.	Two 16 ft. span standard bridge on pile bents.
Dried Meat creek .	15/16-45-18w4	Three 20 ft. spans on pile substructures.
Elbow river... .	4/5-24-2w5 .	Repairs.
Elbow river;	9/10-24-1w5 . . .	Lowering south end of trestle.
Egg Lake creek.	17/18-55-24w4 .	Repairs.
Fish creek	4-23-1w5 . . .	Repairs
Fish creek ..	12/13-23-24w4.	Two 16 ft. span bridge on posts.
Five Mile coulee . .	15-9-29w4 . .	Repairs.
Foothill creek .	16/17-5-28w4.	Grading approach.
Foothill creek .	21/22-5-28w4 .	Grading.
Foothill creek ..	11-5-29w4 . . .	Three 20 ft. spans, standard bridge on pile bents.
Fish pond	30-54-2w5 . . .	
Frog creek	8-55-1w5. . .	Repairs.
Forty Nine creek .	8-50-12w4	Two 20 ft. standard bridge on pile bents

BRIDGES.

STREAM	LOCATION	REMARKS
Government ditch..	4/33-40/41-26w4	16 ft. span standard bridge on pile bents.
Government ditch	9-41-26w4	18 ft. span standard bridge on pile bents.
Gros Ventres creek	8/9-11-4w4.	Repairs to floor.
Gorge...	3/4-43-26w4	12 ft. span on benches.
Goose creek ..	24-38-28w4 ..	Repairs.
Ghost Pine creek..	36/1-32/33-23w4 .	Three 18 ft. span standard bridge on pile bents
Government drain.	32/5-51/52-24w4 .	12 ft. span on framed bents.
Goose creek ..	R. L. 9-54-3w5.	Repairs.
Goodridge creek	2/35-52/53-25w4	Reflooring bridge
High river	N. E. 16-21-28w4	Repairs to floor.
High river	6-19-28w4	Repairs.
High river	At High River...	Repairs to dam.
Hat Coulee creek	32/4-10/11-27w4	Two 18 ft. span standard bridge on pile bents.
Irrigation ditch	19/30-24-3w5. .	Repairs.
Irrigation ditch	24/35-24-4w5 .	Repairs.
Jones' creek	2/3-40-25w4 .	One 20 ft. span standard bridge on pile bents.
Jack O'Neil coulee.	29/30-7-29w4 .	20 ft. span standard bridge on pile bents.
Knee Hill creek..	20/29-33-26w4	20 ft. pile span bridge.
Kipp coulee.	8/17-6-19w4..	Bridge trussed.
Knee Hill creek..	15-29-25w4 .	Three 20 ft. span standard bridge on pile bents.
Kipp coulee.. .	20/21-6-19w4.	Constructing 20 ft. span standard bridge on pile bents.
Kipp coulee.	4/5 & 8/9-6-19w4 .	Constructing three 20 ft. span standard bridge on pile bents.
Knee Hill creek..	3/4-31/32-25w4	Two 20 ft. span standard bridge on pile bents.
Knee Hill creek	12/13-31-26w4. .	Three 20 ft. span standard bridge on pile bents.
Lees creek .	31-2-25w4. .	Repairs.
Lees creek	Village of Cardston	Reflooring of bridge.
Lake near Lacombe ...	11-41-27w4. .	Two 20 ft. spans on framed bents.
Limestone lake. .	21/28-56-18w4	20 ft. span standard bridge on pile bents.
Lone Pine creek. .	30/31-26w4.	Two 20 ft. span bridge on pile bents.
Long Lake creek	29-47-27w4..	One 20 ft. span bridge on pile bents.
Madden's creek .	23/26-28-3w5. .	Construction of bridge.
Menonite springs	5-23-22w4 . .	One 20 ft. span standard bridge on pile bents.
Meeting creek .	29-41-17w4 . .	Two 20 ft. span standard bridge on pile bents
Meadow creek. .	27-11-28w4.	20 ft. span standard bridge on pile bents.
Medicine Lodge coulee.	29/30-7-3w4 ..	20 ft. span standard bridge on pile bents.
Medicine Lodge coulee	N. W. 9-7-3w4. .	20 ft. span standard bridge on pile bents.
Medicine Lodge coulee	N. W. 16-9-3w4	Two 20 ft. span standard bridge on pile bents
Meeting creek...	34-43-21w4. . .	Two 20 ft. span standard bridge on pile bents.
Meeting creek.....	23-43-21w4 . . .	Two 20 ft. span standard bridge on pile bents
McFadden lake	24-51-22w4.. . .	Repairs.

BRIDGES.

STREAM	LOCATION	REMARKS
Mill creek	At Vogel's	Three 20 ft. span standard bridge on pile bents with 100 ft wing.
Moose creek	56-5w4	Reconstructing 30 ft span on cribs
Morris creek	32/33-52-18w4	36 ft standard bridge on pile bents.
Meeting creek	7/8-43-19w4	Two 20 ft span standard bridge on pile bents.
Nine Mile coulee	26/27-6-21w4	Constructing three 20 ft. span standard bridge on pile bents.
Nine Mile coulee	15/16-6-21w4	20 ft. span standard bridge on pile bents.
Noyes creek	32-54-27w4	Constructing 20 ft. round timber bridge.
Nose creek	3-25-1w5	Repairs.
Nose creek	34-24-1w5	Repairs.
Nose creek	21/22-28-1w5	Repairs.
Nose creek	24-24-1w5	Repairs.
Pot Hole coulee	26-5-22w4	Bridge trussed.
Pot Hole creek	Lethbridge-Cardston road	Repairs to floor.
Parlby creek	1/2-40-23w4	Grading approaches.
Pengelly's creek.	5/32-37/38-26w4	18 ft. span standard bridge on pile bents.
Pine creek	20/21-22-1w5	Construction of bridge.
Pine coulee	22/27-14-28w4	Grading approaches.
Red Deer river	34-38-22w4	Three 135 ft and one 50 ft. steel spans upon concrete substructures.
Rosebud creek	11/12-27-22w4	Three 20 ft. span standard bridge on pile bents
Ross creek	31/36-11-2w4	Repairs.
Rosebud creek	13-29-28w4	Three 20 ft. span standard bridge on pile bents
Riviere-qui-Barre		20 ft. span standard bridge on pile bents.
Riviere-qui-Barre		16 ft span standard bridge on pile bents.
Ross creek	21/22-53-21w4	One 18 ft. span standard bridge on pile bents.
Ross creek	7/12-53-18/19w4	Moving and reconstructing two 20 ft. pile span bridge.
Rosebud creek	28-27-25w4	Three 18 ft. span standard bridge on pile bents
Red Deer creek	28/33-35-28w4	20 ft span standard bridge on pile bents.
Runway	8/17-36-1w5	20 ft. span standard bridge on pile bents.
Runway	7/18-36-1w5	Two 20 ft. span standard bridge on pile bents.
Red Deer river	Town of Red Deer.	Repairs
Little Red Deer river	16/21 & 17/20-30-4w5	90 ft. steel span and two 20 ft. approaches.
Little Red Deer river	17-31-4w5	90 ft. steel span and two 20 ft. approaches.
Runway	28-30-27w4	18 ft. span standard bridge on pile bents.
Ross creek	R. L. 32-54-22w4	Repairs.
Ravine	7/12-52-24/25w4	Repairs.
Slough	20/21-52-13w4	Three 20 ft. span standard bridge on pile bents.
St. Mary's river	1-2-25w4	Repairs to floor.
Small creek	34-43-21w4	20 ft span standard bridge on pile bents.

BRIDGES.

STREAM	LOCATION	REMARKS
Stoney creek . . .	22-50-8w4 . . .	Two 20 ft. span standard bridge on pile bents
Stone creek (Little) . . .	11/14-46-27w4 . . .	20 ft. span standard bridge on pile bents.
Seven Mile creek . . .	6/7-27-1w4 . . .	20 ft. span standard bridge on pile bents
Stoney creek . . .	7/18-29-28w4 . . .	Three 20 ft. span standard bridge on pile bents.
Stoney creek . . .	7/12-51-23/24w4 . . .	One 16 ft span standard bridge.
Seven Persons creek . . .	29-12-5w4 . . .	Repairs.
Swamp creek . . .	From Spirit river to Grand Prairie	22 ft. and two 16 ft spans with short approaches.
Shepherd coulee . . .	4-8-1w5 . . .	20 ft span frame bent bridge.
Slough . . .	24-38-28w4 . . .	Repairs to floor.
Spring creek . . .	32/33-39-1w5 . . .	20 ft span standard bridge on pile bents.
Stoney creek . . .	3/4-51-24w4 . . .	16 ft span standard bridge on pile bents
Sturgeon river . . .	6-55-1w5 . . .	Three 18 ft span standard bridge on pile bents.
Sucker creek . . .	27-58-20w4 . . .	Repairs
Sturgeon river . . .	9/10-55-24w4 . . .	60 ft. steel span and 20 ft. span approaches.
Little Stone creek . . .	10/15-46-27w4 . . .	20 ft. span standard bridge on pile bents.
Little Stone creek . . .	12/13-46-27w4 . . .	16 ft span standard bridge.
Little Stone creek . . .	11/14-46-27w4 . . .	20 ft. span standard bridge on pile bents.
Sturgeon river . . .	8/9-55-24w4 . . .	Repairs
Stoney creek . . .	13/14-47-20w4 . . .	Two 20 ft span standard bridge on pile bents.
Stoney creek . . .	10/11-17-20w4 . . .	Two 20 ft. span standard bridge on pile bents.
Three Hill creek . . .	22/27-31-24w4 . . .	Three 20 ft. span standard bridge on pile bents.
Three Hill creek . . .	24/25-35-26w4 . . .	Two 20 ft. span standard bridge on pile bents.
Trout creek . . .	11-12-29w4 . . .	20 ft. span standard bridge on pile bents.
Trout creek . . .	31-11-28w4 . . .	Three 20 ft. span standard bridge on pile bents.
Tennessee coulee . . .	35/36-7-30w4 . . .	20 ft. span standard bridge on pile bents.
Three Hill creek . . .	31/1-32/33-25w4 . . .	Three 18 ft. span standard bridge on pile bents.
Towatinow . . .	Edmonton-Athabasca Landing trail	Reconstructing 20 ft. span standard bridge on pile bents.
Vermilion river	32-50-6w4	40 ft. timber truss and three 20 ft. span approaches on pile bents.
Vermilion river	1-57-21w4	50 ft. wooden truss on pile piers and four 16 ft. spans on pile bents.
Vermilion river	17-52-14w4	Three 20 ft. pile span bridge on pile bents.
Vermilion river	6-52-14w4	Four 20 ft. span bridge on pile bents.
Vermilion river	7-52-14w4	Four 20 ft. span standard bridge on pile bents.
Vermilion river	31/32-54-12w4	Five 20 ft. span standard bridge on pile bents.
Vermilion river	32/33-51-4w4	Three 20 ft. span standard bridge on pile bents.

BRIDGES.

STREAM	LOCATION	REMARKS
Vermilion river	31/36-49-14/15w4	Four 20 ft span standard bridge on pile bents
Vermilion river	28/29-58-25w4	50 ft. round timber bridge.
Wabash river .	2/35-59/60-27w4 .	Two 20 ft. span standard bridge on pile bents.
Willow creek .	4/33-42/41-17w4	Two 20 ft. span standard bridge on pile bents.
Big White Mud creek..	6/31-49/48-25w4 .	20 ft. span standard bridge on pile bents.
Whitemud creek . . .	19/30-49-25w4. .	Two 20 ft span standard bridge on pile bents.
Little Whitemud creek	24/25-49-26w4	Standard, two 20 ft. bridge on pile bents.
Waskivei creek	34/35-51-15w4	Repairs.
Wolf creek .	5-42-26w4 . .	One 16 ft. and one 20 ft. span standard bridge on pile bents.
Whitemud creek..	10/15-51-25w4	Reflooring.
Wabamun creek	3/4-52-3w5	20 ft. span standard bridge on pile bents.
Waskatemow	33-58-19w4	30 ft. wooden truss, 20 ft. span and 16 ft. span standard bridge on pile bents.
Wetaskiwin creek	16-46-23w4	New floor on bridge.
Willow creek	24-9-26w4	125 ft. riveted highway truss with 20 ft pile bent approach at each end.

Below will be found a complete list of steel bridges in existence in the province at the end of the year, also bridges worthy of special mention:

Complete list of all steel bridges in existence in the Province on December 31st, 1906.

Battle river, sections 33/34-44-23w4.
 Battle river at Ponoka.
 Battle river, sections 36/1-44/45-23w4.
 Battle river, section 33-42-26w4
 Battle river, section 31-45-22w4.
 Battle river, section 31-42-25w4.
 Battle river, sections 4/28-46-21w4.
 Battle river, section 33-43-18w4.
 Battle river, section 9-45-28w4.
 Battle river, section 5-46-20w4.
 Battle river, 5/6-46-23w4.
 Belly river at Standoff.
 Belly river at Lethbridge.
 Belly river, section 12-3-28w4.
 Blindman river, sections 19/30-42-2w5.
 Blindman river on Calgary and Edmonton trail.
 Blindman river, section 16-39-28w4.
 Bow river at Calgary (Bow marsh)
 Bow river at Morley.
 Bow river at Cochrane.
 Cascade creek at Anthracite.
 Crow's Nest river, n w. $\frac{1}{4}$ section 36-7-4w5.
 Crow's Nest river, n w $\frac{1}{4}$ section 36-7-4w5.
 Crow's Nest river, s.w. $\frac{1}{4}$ section 36-7-4w5.
 Dry Wood river, sections 17/18-4-28w4.
 Elbow river, sections 4/5-24-2w5.

Elbow river, Mission.
 Elbow river, Weazel Head.
 Fish creek on Macleod trail.
 High River, Alley's Ford
 High River, Thompson's Crossing.
 Kootenay river, at Standoff.
 Little Bow River, section 5-15-21w4.
 Lee's creek at Cardston.
 Little Red Deer river, sections 16/21 and 17/20-30-4w5.
 Little Red Deer river, section 17-31-4w5.
 Mill creek at Mountain Mill.
 Nose creek, section 24-24-1w5.
 Old Man river near Cowley.
 Old Man river near Pincher. (South Fork.)
 Old Man river near Macleod.
 Pincher Creek, village of Pincher.
 Red Deer river at Red Deer.
 Red Deer river at Tindastoll.
 Red Deer river, section 34-38-22w4.
 Ross creek at Medicine Hat.
 St. Mary, section 1-2-35w4.
 Seven Person's creek, section 30-12-5w4.
 Sturgeon river, sections 9/10-55-24w4.
 Willow creek near Macleod.
 Willow creek, section 29-9-26w4.
 Willow creek, section 13-12-28w4.
 Willow creek, townships 10/11-27w4.

Bridge over Battle River in Section 5, 46-20w4.

In view of the Wetaskiwin extension of the C. P. R., thereby causing a change in the trend of traffic, it was found necessary to construct a bridge over the Battle river on this stream to allow settlers of New Norway and south to have access to the towns on the above extension. This bridge, which was completed early in the fall, consists of 100 ft. steel truss with a 20 ft. span of approach at each end.

Bridge over Battle River at Duhamel.

Owing to the dilapidated and unsafe condition of the old truss structure at this point, which was constructed some seven or eight years ago, it was thought advisable, in view of the large increase and weight of traffic, to construct a good substantial bridge at this point and, during the season, a bridge consisting of 100 ft. steel span with one 20 ft. span of approach at north end.

Bridge over Battle River south of Lloydminster on 4th Meridian Line.

Since the construction of the C. N. R. and prospects of the G. T. P. Railway running through this particular tract of country, the influx of population has been large, and, in order to meet the requirements, it was arranged between the Government of the Province of Saskatchewan and this Government that a bridge be constructed on the Battle river at the above location, half of the expenditure being borne by each Government. A substantial bridge consisting of one 125 ft. steel span with 20 ft. span approach at each end was completed in the fall. In addition to the construction of this bridge, it was also decided to construct several other small bridges as well as the improving of the road on this line for some 30 miles, and, although

the work done has been of great advantage to the settlers, it will be necessary to undertake further works along with this line next season.

Bridge over Belly River, s.e. $\frac{1}{4}$ of 12-3-28w4.

Owing to the large influx of population west of the Belly river, we were called upon to construct a bridge at or near the above location as settlers going to Cardston found it necessary at certain seasons of the year to go around by Standoff a distance of some 50 or 60 miles. A very careful exploration was made by one of our engineers and, after submitting several cross-sections of the stream, it was decided to construct a bridge on the above location. The bridge which was completed early this fall consists of a one 125 ft. steel span with an abutment at one end, pier and 20 ft. span approach at the other.

Bridge over Bow River at Calgary (Bow Marsh).

For some time past the old bridge at this point has not been giving satisfaction and each season we have had more or less trouble and expense in repairing it. It was, therefore, thought advisable to replace it with a good substantial steel structure on concrete substructures. The bridge was completed early in the season and consists of four 135 ft. steel spans on concrete substructures, and although running into considerable money it will meet the requirements for many years to come.

*Bridge over Sturgeon River between Sections 9 and 10-55-24w4
(Wilson's Crossing).*

Owing to the unsafe condition of the bridge at this point which was constructed some nine or ten years ago, it was decided to replace it with a steel structure. This bridge, which was completed early in the season, consists of a 60 ft. steel span on pile piers and a 20 ft. span of approach at north end. It might, also, be stated that a 60 ft. steel span has been ordered and will be placed over this stream at the village of St. Albert during the coming year.

Bridge over Willow Creek, Section 24-9-26w4.

In order to meet the traffic demands north of Macleod and east of the present bridge on this stream it was decided to construct a bridge on the above location. The bridge consists of 125 ft. steel span with a 20 ft. span approach at south end.

Bridge over Red Deer River near Content.

A ferry has been operated at or near this location for the last two or three years, and, in view of the rapid development of the country and the increase in traffic the accommodation afforded by the ferry was inadequate to cope with the situation, consequently it was found advisable to construct a good substantial bridge at this

point. The bridge, which will be completed very early in 1907, consists of three 135 ft. and one 50 ft. spans on concrete substructures.

Bridge over Little Red Deer River, Section 7-30-4w5.

Owing to several requests which reached the department for the construction of bridge on the above location in order to allow settlers west of the Little Red Deer river access to Carstairs, their market town, it was decided to construct a bridge on the above location. The bridge consists of a 90 ft. steel span, and in view of the existing bridge on the Dog Pound creek and improvements made on the road west of Carstairs the settlers have been provided with easy access to the railway.

Bridge over Little Red Deer River, Section 17-31-4w5.

In view of the improvements made on the road west of Didsbury, also the existing bridge on the Dog Pound creek, several requests were received for bridge on the above location, and in order to afford a direct route to Didsbury for the settlers west of the Little Red Deer river it was decided to construct a bridge on the above location. The structure which was completed early in the season consists of a 90 ft. steel span.

Combination Bridge over Saskatchewan River at Fort Saskatchewan.

The combination railway and highway bridge on the above location was completed by the C. N. Railway Company, to which substantial assistance was given by the Provincial Government and provides a long looked for crossing and will be of great benefit to the settlers on the west side of the river who transact their business at the Fort.

In addition to the above mentioned bridges, it might be stated that work was started this season on bridge to be constructed over the South Saskatchewan river at Medicine Hat, Oldman river north of Pincher, the middle fork of the Oldman at Lundbrek and on the Medicine river west of Innisfail. These will all be steel structures and will be completed during 1907.

ROADS.

Smith's Landing to Fort Smith
To Landing trail and connecting with Sturgeon bridge.
Calling lake to Lake Wabiscaw. Winter road.
Bush trail beaver dam west, range 3 west 5th meridian.
Morley trail near east boundary of park.
Dog Pound trail north of Bow river.
Horse creek trail north.
Between sections 3 and 10, township 26 range 4 west 5th meridian.
Cochrane to Lochend P.O.
Between sections 19 and 30, township 28 range 3 west 5th meridian.
Between sections 30 and 25, township 28, ranges 4 and 5 west 5th meridian.
Between sections 24 and 25, township 27 range 3 west 5th meridian.
Bush trail, township 28 range 3 west 5th meridian.
Between sections 21 and 22, township 24 range 3 west 5th meridian.
Between sections 17 and 18, township 28 range 4 west 5th meridian.

Between sections 33 and 5, township 5 range 22 west 4th meridian.
 Between sections 5 and 32, townships 1 and 2 range 25 west 4th meridian.
 In section 11 township 2 range 25 west 4th meridian.
 Between sections 13 and 14, township 5 range 22 west 4th meridian.
 Between sections 11 and 12, township 5 range 22 west 4th meridian.
 Between sections 18 and 19, township 3 range 24 west 4th meridian.
 Between sections 21 and 28, township 5 range 22 west 4th meridian.
 Between sections 6 and 31, townships 1 and 2 range 25 west 4th meridian.
 Between sections 35 and 36, township 5 range 22 west 4th meridian.
 Between sections 1 and 2, township 3 range 25 west 4th meridian.
 Between sections 11 and 12, township 3 range 25 west 4th meridian.
 In section 1 township 3 range 25 west 4th meridian.
 In section 32 township 1 range 25 west 4th meridian.
 Between sections 3 and 31, townships 2 and 3, range 26 west 4th meridian.
 Between sections 8 and 9, township 3 range 26 west 4th meridian.
 In section 33 township 2 range 25 west 4th meridian.
 Between sections 3 and 4, township 3 range 26 west 4th meridian.
 Between sections 7 and 8, township 2 range 26 west 4th meridian.
 In section 13 township 2 range 27 west 4th meridian.
 Between sections 23 and 24, township 2 range 27 west 4th meridian.
 Between sections 35 and 36, township 2 range 27 west 4th meridian.
 Between sections 25 and 26, township 2 range 27 west 4th meridian.
 Between sections 30 and 25, township 2 ranges 25 and 26 west 4th meridian.
 Between sections 14 and 15, township 2 range 26 west 4th meridian.
 In section 15 township 2 range 26 west 4th meridian.
 In section 36 township 2 range 26 west 4th meridian.
 Between sections 25 and 30, township 2 ranges 25 and 26 west 4th meridian.
 Between sections 31 and 36, township 1 range 23 and 24 west 4th meridian.
 Between sections 31 and 36, township 1 ranges 23 and 24 west 4th meridian.
 In section 22 township 1 range 24 west 4th meridian.
 Between sections 14 and 15, township 1 range 24 west 4th meridian.
 Between sections 20 and 29, township 1 range 24 west 4th meridian.
 Between sections 13 and 14, township 2 range 28 west 4th meridian.
 Between sections 15 and 22, township 2 range 28 west 4th meridian.
 Between sections 14 and 23, township 2 range 28 west 4th meridian.
 Between sections 13 and 24, township 2 range 28 west 4th meridian.
 Between sections 3 and 4, township 2 range 26 west 4th meridian.
 Between sections 19 and 24, township 1 ranges 25 and 26 west 4th meridian.
 Between sections 25 and 30, township 1 ranges 25 and 26 west 4th meridian.
 Between sections 10 and 11, township range 26 west 4th meridian.
 Between sections 2 and 3, township 1 range 26 west 4th meridian.
 Between sections 12 and 13, township 1 range 25 west 4th meridian.
 Between sections 19 and 24, and 18 and 13, township 27, ranges 3 and 4 west
 5th meridian
 Between sections 34 and 3, townships 29 and 30 range 4 west 5th meridian.
 Between sections 19 to 24 and 30 to 25, township 24 range 28 west 4th meridian.
 North of sections 11 and 12, township 24 range 26 west 4th meridian.
 In section 25 township 17 range 29 west 4th meridian.
 Between sections 17 and 20 township 15 range 27 west 4th meridian.
 * Between sections 5 and 6 south to and along line townships 18 and 19, range
 28 west 4th meridian.
 In section 36 township 16 range 28 west 4th meridian
 Between sections 26 and 27, and 34 and 35, township 17 range 28 west 4th
 meridian.
 Between sections 24 and 25, township 34 range 2 west 5th meridian.
 Main road east of Bowden.
 Main road west of Innisfail.
 Main road east of Innisfail.
 In section 25 township 24 range 2 west 5th meridian.
 Between sections 1 and 6, township 36 range 1 west 5th meridian.
 In section 6 township 36 range 28 west 4th meridian.
 In section 3 township 35 range 26 west 4th meridian.
 Between sections 36 and 31, and 25 and 30, township 35 ranges 27 and 28 west
 4th meridian.
 Between sections 32 and 33, township 34 range 26 west 4th meridian.
 In section 3 township 35 range 26 west 4th meridian.
 In section 31 township 36 range 26 west 4th meridian.
 In section 33 township 36 range 26 west 4th meridian.
 In n.e. section 18 township 37 range 26 west 4th meridian.
 Immediately west of Belly river bridge.
 Road leading to Taber ferry.

Between steel bridge and boundary of Lethbridge.
 Road from Stirling to Raymond.
 Between sections 12 and 13, township 9 range 21 west 4th meridian.
 Between sections 35 and 2, townships 40 and 41, range 27 west 4th meridian.
 Between sections 10 and 15, township 41 range 27 west 4th meridian.
 West and east of Morningside.
 In section 31 township 39 range 24 west 4th meridian.
 Road from Lacombe to Bentley.
 East line of sections 16 and 21, township 40 range 1 west 5th meridian.
 North of sections 20 and 21, township 40 range 26 west 4th meridian.
 In section 33 township 41 range 27 west 4th meridian.
 In section 24 township 40 range 27 west 4th meridian.
 Between sections 21 and 28, 22 and 27, township 40 range 24 west 4th meridian.
 East of sections 24 and 25, township 39 range 23 west 4th meridian.
 From section 5 to section 20, township 40 range 23 west 4th meridian.
 East line of section 6 township 40 range 26 west 4th meridian.
 Red Willow creek, 4 culverts, township 39 range 19 west 4th meridian.
 Between sections 9 and 16, township 41 range 2 west 5th meridian.
 Between sections 7 and 18, township 41 range 1 west 5th meridian.
 South of sections 19 and 20, township 39 range 24 west 4th meridian.
 Road north of Tees running to Earlville.
 Between sections 24 and 25, township 39 range 26 west 4th meridian.
 On township line.
 Between sections 12 and 13, township 49 range 25 west 4th meridian. Main road east 7 miles.
 Between sections 24 and 25 east to Hay lakes trail, township 49 range 25 west 4th meridian.
 One mile north of school section 29 township 49 range 25 west 4th meridian.
 7 miles s. w. west from corner section 5 township 49 range 28 west 4th meridian.
 On township line to s. w. section 6 township 49 range 1 west 5th meridian.
 East side of Coal Lake coulee.
 From n. e. section 30 south to the east of 18, then west 1 mile to regular line, township 49 range 27 west 4th meridian.
 Main road west to Pigeon trail, townships 48 and 49, range 27 west 4th meridian.
 Blind line from range 26, west 8 miles, and 4 miles between blind line and 4 mile bridge.
 In section 1 township 40 range 13 west 4th meridian.
 Bonnie Glen to north end of Pigeon lake.
 2 miles west of Little White Mud creek between sections 24 and 25, 23 and 26, 22 and 27, township 49 range 26 west 4th meridian.
 Between sections 35 and 36, township 50 range 25 west 4th meridian.
 Between sections 16 and 17, township 50 range 25 west 4th meridian.
 5 miles west of Sarow.
 Between Coal Lake coulee and Millet.
 Between sections 22 and 23, 26 and 27, 34 and 35, 24 and 25, 25 and 26, 26 and 35, 23 and 24, township 50 range 24 west 4th meridian.
 In sections 12 and 13, 11 and 14, 10 and 15, 15 and 16, 21 and 22, 27 and 28, 33 and 34, township 50 range 26 west 4th meridian.
 Between sections 26 and 27, 26 and 35, 35 and 36, township 47 range 20 west 4th meridian.
 Between sections 11 and 12, 13 and 14, 23 and 24, 35 and 36, 25 and 26, township 48 range 20 west 4th meridian.
 Between sections 28 and 29, 32 and 33, township 47 range 20 west 4th meridian.
 Between sections 4 and 5, 8 and 9, 16 and 17, 20 and 21, 28 and 29, 32 and 33, township 48 range 20 west 4th meridian.
 Township 48 range 21 west 4th meridian.
 1½ miles of road on range line south from town line east of Saron.
 On Lyndon-Macleod and Claresholm trail.
 Township 14 ranges 25, 26 and 29, west 4th meridian.
 Road west of Stavely.
 Road leading to Willow creek bridge, sections 23 and 24, township 9 range 26 west 4th meridian.
 Trail from Medicine Hat to Josephsburg.
 Between sections 1 and 2, 11 and 12, township 13 range 5 west 4th meridian.
 Medicine Hat to Josephsburg trail.
 East of section 13 township 9 range 3 west 4th meridian.
 In section 36 township 9 range 3 west 4th meridian.
 Between sections 29 and 32, township 10 range 5 west 4th meridian.
 Between bridge on Seven Person's creek and bridge on Ross creek.
 In section 10 township 12 range 5 west 4th meridian.
 Spirit river, Dunvegan road.
 Chesterwold to Fairy Bank.

East from Ponoka and road south of section 6 township 43 range 23 west 4th meridian.
 Highland Park to Steel bridge.
 East of Morningside.
 Between sections 15 and 16, township 43 range 26 west 4th meridian.
 Between sections 6 and 7, township 43 range 26 west 4th meridian.
 Between sections 1 and 12, township 43 range 27 west 4th meridian.
 Between sections 35 and 36, township 43 range 22 west 4th meridian.
 Between sections 1 and 2, township 44 range 22 west 4th meridian.
 Between sections 15 and 16, 21 and 22, 23 and 24, 25 and 26, township 44 range 16 west 4th meridian.
 Between sections 14 and 15, 22 and 23, township 43 range 15 west 4th meridian.
 Traffic road along Connelly creek, township 8 range 2 west 4th meridian.
 In section 22 township 38 range 26 west 4th meridian.
 Between sections 10 and 15, township 38 range 27 west 4th meridian.
 Main road Evert's to Horse Guard creek, townships 38 and 39, ranges 2, 3 and 4, west 5th meridian.
 Hill west of sawmill.
 . Road n. e. to Snake lake, section 8 township 38 range 1 west 4th meridian.
 Correction line between townships 38 and 39 range 28 west 4th meridian, and range 1 west 5th meridian.
 Sections 7, 8, 9, 10, 11 and 12, township 38 range 3 west 5th meridian.
 Between sections 1 and 2, 11 and 12, 13 and 14, 23 and 24, township 38 range 23 west 4th meridian, township 38 range 22 west 4th meridian.
 9 miles from Content ferry n. e. to corner section 35 township 37 range 23 west 4th meridian.
 11 miles west from n. e. corner section 35 township 37 range 23 west 4th meridian.
 From s. e. corner section 2 township 38 range 23 west 4th meridian.
 11 miles to range line between sections 24 and 25.
 In section 10 township 37 range 27 west 4th meridian.
 In section 2, township 37 and 38, range 27 west 4th meridian.
 Between townships 38 and 39, ranges 1, 2 and 3 west 5th meridian.
 Between townships 36 and 37, range 26 west 4th meridian.
 Between sections 32 and 5, townships 38 and 39, range 23 west 4th meridian.
 East boundary of range 25 west 4th meridian from Content bridge west.
 In section 17 township 31 range 1 west 5th meridian.
 Diversion on n. w. corner section 31 township 29 range 4 west 5th meridian.
 Between sections 21 and 28, 22 and 27, township 33 range 28 west 4th meridian.
 Edmonton-St. Albert trail.
 St. Albert to Riviere-qui-Barre.
 St. Albert to Morinville.
 Road north from Riviere-qui-Barre, township 55 range 26 west 4th meridian.
 Road running east to St. Emile.
 In section 34 townships 59 and 60, range 25 west 4th meridian.
 In section 36 townships 59 and 60, range 27 west 4th meridian.
 N. E. corner section 33, townships 56 and 57, range 25 west 4th meridian.
 From Indian agency to Lac la Nonne.
 In section 24 township 59 range 26 west 4th meridian.
 In section 4 township 58 range 25 west 4th meridian.
 In section 33 township 59 range 25 west 4th meridian.
 Lac la Nonne and Lac Mageau trail through township 57, ranges 3, 4 and 5, west 5th meridian.
 Between sections 16 and 17 (creamery to Hillsdale), township 52 range 23 west 4th meridian.
 Between sections 15 and 16, township 53 range 22 west 4th meridian.
 Between sections 1 and 6, township 53 ranges 22 and 23, west 4th meridian.
 From section 1 to section 6, township 53 range 22 west 4th meridian.
 From section 1 to section 6, township 53 range 23 west 4th meridian.
 In section 1 township 52 range 25 west 4th meridian.
 Between sections 21 and 28, township 51 range 25 west 4th meridian.
 Between sections 23 and 26, township 52 range 23 west 4th meridian.
 Between sections 32 and 5, townships 51 and 52 range 24 west 4th meridian.
 Between sections 22 and 27, township 51 range 25 west 4th meridian.
 In section 23 township 51 range 22 west 4th meridian.
 Between sections 10 and 15, township 53 range 22 west 4th meridian.
 Between sections 8 and 17, township 53 range 22 west 4th meridian.
 In section 21 township 52 range 24 west 4th meridian.
 Between sections 21 and 28, township 52 range 24 west 4th meridian.
 Between sections 17 and 18, 19 and 20, township 52 range 22 west 4th meridian.
 Between sections 19 and 30, township 52 range 22 west 4th meridian.
 In section 9 township 53 range 23 west 4th meridian.

- Between sections 8 and 17, 9 and 16, 10 and 15, township 53 range 21 west 4th meridian.
- Between sections 20 and 29, 19 and 30, township 51 range 24 west 4th meridian.
- Between sections 13 and 14, township 52 range 24 west 4th meridian, township 51 range 22 west 4th meridian.
- Blind line road east of Strathcona in Clover Bar.
- Between sections 8 and 17, 7 and 18, township 52 range 22 west 4th meridian.
- Between sections 7 and 18, township 51 range 23 west 4th meridian.
- North and south of Stoney Plain station.
- Between sections 12 and 13, township 53 range 25 west 4th meridian.
- East portion between Edmonton and Spruce Grove and 14 base line.
- Between sections 31 and 36, township 51 range 28 west 4th meridian.
- Between sections 22 and 23, township 52 range 1 west 5th meridian.
- In section 25 township 53 ranges 2 and 3, west 5th meridian.
- In section 35 township 52 range 25 west 4th meridian.
- South from Tommy la Potac (Indian reserve), township 51, ranges 25 and 26, west 4th meridian.
- Between sections 19 and 20, township 51 range 27 west 4th meridian.
- Road on 5th meridian line, township 52 range 28 west 4th meridian, township 52 range 1 west 5th meridian.
- Road between Mewassin and Inga.
- Between sections 31 and 36, township 52 ranges 25 and 26 west 4th meridian.
- In sections 2, 3, 4 and 5, township 53 range 25 west 4th meridian.
- Edmonton and Athabasca Landing trail.
- Edmonton and Fort Saskatchewan trail.
- Between sections 3 and 4, 9 and 10, 15 and 16, 21 and 22, 27 and 28, 33 and 34, township 56 range 24 west 4th meridian.
- In sections 27, 28, 29, 30, township 53 range 23 west 4th meridian.
- Between sections 7 and 8, township 54 range 24 west 4th meridian.
- Between sections 8 and 17, township 54 range 24 west 4th meridian.
- White Fish lake and Lac la Biche trail.
- Ferry Hill north side of river at Pakan.
- To Saskatchewan from between sections 4 and 5, township 54 range 22 west 4th meridian.
- In section 14 township 54 range 21 west 4th meridian.
- Between sections 26 and 27, 34 and 35, township 54, range 21 west 4th meridian.
- Between sections 5 and 6, township 54 range 20 west 4th meridian.
- From C.N. Railway to s. w. corner section 27 township 55 range 15 west 4th meridian.
- East of sections 5, 8, and 17, and north of 9, township 55 range 20 west 4th meridian.
- Between sections 23 and 26, 8 and 17, 17 and 18, 19 and 20, 29 and 30, 31 and 32, and west on 31, township 56 range 19 west 4th meridian.
- Section 10 township 56 range 18 west 4th meridian, to section 15 township 55 range 18 west 4th meridian.
- South-west of section 27 township 55 range 15 west 4th meridian.
- From Mundare to Shandro, section 28 township 55 range 16 west 4th meridian.
- North from s. w. corner section 1 township 55 range 14 west 4th meridian.
- Between sections 23 and 26, township 55 range 21 west 4th meridian.
- Township line, townships 54 and 55, ranges 21 and 22, west 4th meridian.
- In sections 1 to 25, township 55 range 22 west 4th meridian.
- Grading approach to Shandro ferry, township 57 range 15 west 4th meridian.
- West of sections 17 and 20, township 54 range 20 west 4th meridian.
- Between sections 21 and 28, township 54 range 21 west 4th meridian.
- Approach to Victoria ferry, south side.
- Approaches to ferry near Brosseau, sections 34 and 35, 26 and 27, township 55 range 12 west 4th meridian.
- In section 6 township 55 range 22 west 4th meridian.
- From Huot's farm to the Sturgeon bridge.
- Road between Beaver lake and Mundare.
- Range line between ranges 14 and 15, townships 52, 53 and 54, west 4th meridian.
- Between sections 12 and 13, townships 48 and 49, range 13 west 4th meridian.
- In section 30 township 48 range 12 west 4th meridian.
- Road to Lamont and Chipman.
- Range line between ranges 14 and 15, townships 52, 53 and 54, west 4th meridian.
- West 5 miles from section 6 and north one mile from between sections 3 and 4, townships 51 and 52, range 16 west 4th meridian.
- Between townships 51 and 52, range 19 west 4th meridian.
- Between sections 28 and 29, township 47 range 27 west 4th meridian.
- Between sections 16 and 17, 20 and 21, township 47 range 23 west 4th meridian.
- Approaches at Duhamel, township 46 range 21 west 4th meridian.

Between sections 26 and 35, township 46 range 23 west 4th meridian
 Between sections 31 and 6, townships 45 and 46, range 23 west 4th meridian.
 Battle river at Duhamel.
 Between sections 25 and 36, township 46 range 22 west 4th meridian.
 Between sections 8 and 9, township 46 range 27 west 4th meridian
 Pigeon Lake trail between Bears Hill lake and Patience P.O.
 Trail lying west of Beaver Hill lake.
 Between sections 19 and 30, township 46 range 21 west 4th meridian.
 In section 32 township 46 range 20 west 4th meridian.
 Between sections 35 and 36, township 44 range 21 west 4th meridian
 Across township 52, ranges 18 and 19, west 4th meridian.
 Between sections 17 and 18, township 28 range 4 west 5th meridian.
 In section 11 township 2 range 25 west 4th meridian.
 In section 23 township 2 range 26 west 4th meridian.
 In section 15 township 2 range 26 west 4th meridian.
 In section 36 township 2 range 26 west 4th meridian.
 In section 24 township 2 range 26 west 4th meridian.
 Between sections 24 and 25, township 1 range 24 west 4th meridian.
 Between sections 13 and 18, township 2 range 28 and 27, west 4th meridian
 Knee Hill trail
 In section 22 township 24 range 29 west 4th meridian.
 Between sections 8 and 17, township 23 range 1 west of 5th meridian.
 In section 34 township 23 range 1 west 5th meridian.
 Calgary, Priddis and Millarville trail
 Calgary and Edmonton trail
 To Little Bow bridge, section 36 township 14 range 22 west 4th meridian.
 Between sections 19 and 20, township 40 range 24 west 4th meridian.
 South of line sections 19 and 20, township 41 range 24 west 4th meridian.
 Township line between townships 38 and 39, range 21 west 4th meridian
 Millet and Bonnie Glen trail.
 Between sections 29 and 30, 30 and 31, township 50 range 24 west 4th meridian.
 Between sections 31 and 36, township 49, range 25 and 26, west 4th meridian
 Between sections 5 and 31, township 50 range 25 west 4th meridian.
 Road opposite Elkwater lake.
 Road from Josephsburg to Irvine opposite Koenigs.
 Between sections 6 and 31, townships 41 and 42, range 1 west 5th meridian.
 Between sections 6 and 31, township 42 ranges 1 and 2 west 5th meridian.
 Oil Well's trail, township 4 range 29 west 4th meridian.
 Road to ferry on Oldman river section 16 township 7 range 29 west 4th meridian.
 Red Deer, Burnt lake and Evarts road across township 38 range 28 west 4th
 meridian, and township 38, ranges 1 and 2, west 5th meridian
 Township line north of township 36, ranges 25 and 26, west 4th meridian.
 In section 20 township 39 range 1 west 5th meridian
 Between sections 9 and 16, 10 and 15, township 38 range 2 west 5th meridian.
 Township line, townships 36 and 37, range 26 west 4th meridian.
 Cooking Lake trail, sections 20 and 21, 19 and 30, township 52 range 21 west
 4th meridian.
 Between sections 8 and 17, 9 and 16, 10 and 15, 7 and 8, 7 and 18, township
 52 range 21 west 4th meridian.
 Between sections 5 and 32, townships 50 and 51, range 25 west 4th meridian
 Between sections 21 and 28, township 51 range 23 west 4th meridian,
 Between sections 20 and 29, township 52 range 22 west 4th meridian.
 Between sections 8 and 17, 7 and 18, township 52 range 22 west 4th meridian.
 In section 34 township 52 range 24 west 4th meridian.
 Between sections 10 and 15, 8 and 17, township 53 range 22 west 4th meridian.
 Between sections 28 and 29, township 51 range 23 west 4th meridian.
 Between sections 5 and 32, townships 50 and 51, range 25 west 4th meridian
 Between sections 1 and 2, township 52 range 22 west 4th meridian
 Between sections 11 and 12, township 52 range 22 west 4th meridian.
 Between sections 23 and 24, township 52 range 22 west 4th meridian.
 Between sections 25 and 26, township 52 range 22 west 4th meridian.
 Improvement of Dowler Hill road
 Lac Ste. Anne trail, township 54 range 2 west 5th meridian
 Between sections 1 and 6, 7 and 12, township 53 ranges 26 and 27, west 4th
 meridian.
 Road to Boyne lake, township 60, ranges 11 and 12, west 4th meridian
 Approach to bridge in section 33 township 56 range 16 west 4th meridian
 Between sections 1 and 2, township 45 range 21 west 4th meridian

FIREGUARDS.

Owing to the increase and extension of settlement it was found necessary, in addition to reploughing several old fireguards, to complete many new guards, and during the season a total of $877\frac{1}{2}$ miles of fireguard were ploughed.

An effort was made to get calls for tenders out as early as possible in the spring, thereby allowing the contractor more time, consequently the work was completed earlier in the season than heretofore.

Owing to the development of the country and the extension of irrigation in certain parts of the province some of the existing guards will not be necessary in the future. However, new guards will be required in many localities which at the present time are but sparsely settled.

Below will be found a complete list of fireguards completed during the year:

FIREGUARDS.	MILES.
Reploughing fireguard from centre of section 35-26-5w5, east on township line between townships 26 and 27 to range line between 3 and 4	7 $\frac{1}{2}$
South of Radnor and east of Stony Indian reserve	4
Along township line from the middle line of section 5-27-28w4 to the east line of section 9-27-27w4	8 $\frac{1}{2}$
From Shepard station on line between 28 and 29 west 4th meridian to north boundary of 26, then to C. & E. Railway and south from Shepard station to Bow river on range line between 28 and 29.	31
Reploughing guard from C. P. Ry., following line between 27 and 28 west 4th meridian to Crowfoot guard on north boundary of 24	9
On north boundary across township 23 range 28 to join guards east and west of range 28 west 4th meridian.	6
On north boundary of township 22 across ranges 26, 27 and 28 west 4th meridian to Bow river	21
From C. & E. Ry. to east of range 20 near Dead Horse lake following line between townships 24 and 25.	54
From Crowfoot station on C.P. Ry., north on range line between 19 and 20 to Dead Horse lake.	17
From Gleichen following line between ranges 22 and 23 west 4th meridian to the north boundary of township 24.	17
Reploughing guard from C. & E. Ry. to Little Bow river in range 22 west 4th meridian following line north of township 14.	33 $\frac{1}{2}$
Reploughing guard from Bow river south on line between 24 and 25 to south-east 13-15-25w4.	43
From along south boundary of Blackfoot reserve on north boundary of township 19 from line between 24 and 25 east to Bow river. Breaking guard from north boundary of township 19 south on line between 22 and 23 to north boundary of township 14 west 4th meridian.	72
Backsetting fireguard starting at south-east corner of 25-12-11w4 and running west 10 miles to Bow river.	10
Backsetting fireguard at south-east corner of section 13-13-11w4 running west 11 miles to Bow river.	11
Backsetting fireguard between townships 13 and 14 across ranges 11 and 12, west 4th meridian to river and from n.e. corner of 13-11w4, south along east boundary of 11 to river.	22
Backsetting guard commencing at north-east corner section 24-12-12w4, south 4 miles to township line and thence south-east to river, also from north-east section 36-13-12w4 south on range line to north-east section 24-12-12w4.	19
Breaking guard from south-east corner township 15-21w4 following line between 20 and 21 north through Blackfoot reserve to Bow river.	38
On north boundary of township 14 from Bow river to Little Bow river (double guard)	51
From Belly river to Bow river following line 1 mile west of east boundary of range 16 west 4th meridian	17 $\frac{1}{2}$

	MILES
Backsetting guard from Belly river to Little Bow river along west line range 22	32½
On road allowance 1 mile south of north boundary of township 9-22w4 from Old Man river to Belly river.	6½
Backsetting guard from Little Bow river on north boundary 11-19w4 to the north-east corner of 32-11-18w4 east to Belly river in township 11-16w4.	16
From Crow's Nest Pass Railway north to Belly river on range line between 18 and 19 west 4th meridian.	7½
From Crow's Nest Pass Railway to Belly river in township 10 along west boundary of range 19w4, and also from the north-east corner township 9-20w4 straight east on north boundary of township 9-19w4	14½
From Crow's Nest Pass Railway following east boundary of Piegan Indian reserve to Waterton river, thence south on range line between 26 and 27 west 4th meridian to Belly river	23
From Bowell station on C. P. Ry. north-east to South Saskatchewan river at north boundary of 14-5w4	15
On north boundary of township 9 from west of range 5 east to 4th meridian line	30
From South Saskatchewan river to Many Island lake following line between townships 13 and 14.	19
From South Saskatchewan river, township 12-8w4 to coulee in township 10-8w4.	19
From South Saskatchewan following range line between 10 and 11 to lake Enokinu.	24
South Saskatchewan river on line between townships 17 and 18 and south on line between 1 and 2 west 4th meridian to guard 2670 on north boundary of township 13.	36
From Bowell station on C. P. Ry. south to Saskatchewan river between ranges 7 and 8.	10
From C. P. Ry. north on line between ranges 2 and 3 to meet guard on north of township 13 west 4th meridian.	12
Ploughing Stair guard from north-west of section 13-13-7w4 to line between townships 13 and 14 and east to section 36-13-6w4.	10
From 5½ miles west of Langevin station on C. P. Ry. south on range line between 10 and 11.	9½
5½ miles west of Langevin station on C. P. Ry., north to Dead Lodge canyon on Red Deer river	32
From north-east corner of section 21-8-2w4 south to Battle river then south-east to head of Nine Mile coulee	11
From north-west corner of 17-1w4 following line between 1 and 2 north to the South Saskatchewan river.	12
Starting on line between ranges 3 and 4 thence west to line between ranges 5 and 6, thence south to Red Deer river.	22
From section 18-23-3w4 to section 31-23-3w4, then north-east to section 33-23-2w4 and connected with guard east of the 4th meridian	24

FERRIES.

During the season 12 ferries were operated by the department 4 of which were installed this season, viz., on the Athabasca river at Athabasca Landing, the North Saskatchewan river at Shandro, the Belly river at Taber and on the Red Deer river north of Gleichen. In addition to these licensed ferries were operated on the north Saskatchewan river at St. Paul and east of Whitford.

On account of the old scow at Victoria being too small and not suitable to meet traffic requirements at that point the old Clover Bar ferry was floated down and installed at Victoria.

Owing to the many requests reaching the department for bridges on large streams in the province we will in all probability find it necessary to install several new ferries during the coming season.

The following ferries were operated and installed during the season:

Athabasca river on Peace River Road.
Athabasca river at Athabasca Landing.
Belly river at Taber.

Bow river at Eagle Ribs Crossing.
 Oldman river, north-east of Pincher.
 Pembina river on Peace River road.
 Red Deer river at Steerford.
 Red Deer river east of Carstairs.
 Red Deer river at Content.
 Saskatchewan river (north) at Shandro.
 Saskatchewan river (north) at Victoria.
 Saskatchewan river (south) at Medicine Hat.

SURVEYS BRANCH.

JOHN STOCKS, ESQ.,
Deputy Minister of Public Works,
 Edmonton, Alta.

SIR,—I have the honour to submit the following report on the work carried on in the surveys branch during the year 1906.

As in the past the office work has consisted of preparing instructions for the district surveyors and engineers, examining and recording their returns, filing plans in the land titles offices and with the Department of the Interior at Ottawa; examining and recording titles received for roads and for lands required for public buildings; settling claims to compensation for lands required for right-of-way etc., and re-transferring old roads not now required. In addition to this the surveys in the district about Edmonton were supervised by myself, two parties being kept in the field on the work, and a considerable number of the plans of surveys were prepared here in order to give more time in the field for our surveyors on account of the increase in the amount of work.

The following is a statement which will show concisely the amount and character of the work done.

SURVEYS.

Surveys brought forward from 1905	180
Surveys requisitioned during 1906	403
Surveys for which specific instructions were sent	541
Surveys and examinations made	333
Surveys requisitioned but found on examination to be unnecessary.	48
Surveys made by district surveyors and engineers without instructions	24
Surveys carried forward to 1907,	246
Field books received and recorded	36
Plans received and recorded.	165
Certificates of title received and recorded.	141
Certificates of title for lands required for public buildings received and recorded.	5
Transfers received in favour of the Crown in the right of the province for roads	8
Transfers made from the province to other parties for roads no longer required.	159
Applications for lease of roads not granted.	20
New lease granted including those granted free as part or whole compensation for the opening of new roads	35
Renewals of old leases granted	98
Mileage of new leases granted	120½
Mileage of old leases renewed	310

Amount of rental paid for new leases	\$106.00
Amount of rental paid for renewal of old leases	620.00
Total amount received as rental for leases	\$726.00
Total amount paid for right-of-way	\$18,169.46
Number of payments made	230

It will be noted that, although a large number of surveys were made, we were not able to keep pace with the requests, and where 180 surveys were carried forward from 1905 to 1906 the number carried forward from 1906 to 1907 is 246. This is partly accounted for by the fact that the winter set in early and has been severe, thus practically shutting off all field work; but it is more particularly due to the great increase in settlement in the country and the increased demand for road diversions, where the original road allowances are impassable. Settlement is also getting so far away from the main lines of railway that a great increase in the distance of travel from headquarters is demanded. There is every reason to believe that even greater increase in settlement will take place during the coming year and it seems imperative, if the work is to be kept up to date, to increase our staff of district surveyors and engineers.

The statement also shows that after examination it was found that in forty-eight instances where surveys had been asked for they were found to be not required and it seems important in view of the large amount of necessary work to be done and the cost of making these examinations that the local improvement council should be very cautious about endorsing any request for survey until they are satisfied as to its necessity. It might be advisable to bring this to the attention of the various councils before their requests are received for the coming season, as intelligent co-operation on their part should assist materially in our work.

At the time of the passing of the Autonomy Bills the Dominion Government also passed The Alberta and Saskatchewan Roads Act. This Act was found to be inadequate and steps were taken towards having it amended, our efforts were successful and a satisfactory Act was passed in 1906.

During the year the administration of The Land Titles Act came into the hands of the province and with very satisfactory results as far as that part of the work in this branch was concerned, as probably owing to the great increase in the work in the land titles offices our road plans had not been receiving proper attention. The difficulty seems to have been satisfactorily remedied by increase of staff, and I am pleased to say that we are now receiving a number of certificates daily and should soon have matters up to date. This is exceedingly encouraging as the work in the past has been seriously hampered by delays in obtaining title.

In the past when settlement was sparse the demand was largely for old trails across country regardless of road allowances and many such roads were surveyed which are now, owing to the changed conditions, rendered unnecessary or undesirable, and an important part of the work here has been in retransferring these to the owners of the adjoining lands, and the policy of the department to adhere to road allowances as much as possible and to only make diversions where absolutely necessary in avoiding obstacles and obtaining

proper grades, has been amply proved to be a wise one, especially in view of the increasing value of land and the exorbitant demands frequently received for compensation.

There have been some changes and additions in the outside staff during the year. Mr. A. Driscoll, D.L.S., who for some years had charge of the North Alberta district, severed his connection with the department at the end of 1905, as did also Mr. A. W. Ponton, who had been in charge of the Macleod district. Mr. Ponton was afterwards appointed to a new district with headquarters at Vegreville, and Mr. R. J. Gordon was appointed to fill the vacancy in the Macleod district. Mr. J. A. Carbert was appointed to the Medicine Hat district which had been vacant since the province came into existence.

Below is given a list of the examinations and surveys made in this district:

NORTH ALBERTA DISTRICT.

(Examinations made.)

Road diversion east of section 13-51-24w4.
 Road diversion between sections 1 and 2, and 11 and 12, township 5-25w4
 Road diversion between sections 16 and 17, township 50-25w4.
 Road diversion in frac section 7-51-24w4
 Road diversion and bridge site in n.w. $\frac{1}{4}$ section 35 township 50-1w5.

(Surveys Made.)

Change of surveyed road in section 23-51-22w4
 Diversion north of section 9-52-22w4.
 New road from s w. corner section 34 township 49-22w4. to n.w. corner section 14 township 50-22w4.
 Diversion between sections 11 and 12, township 51-24w4.
 New road in section 34 township 51-25w4.
 Diversion east of section 24 township 52-1w5.
 New road Inga to Mewassin
 New road Spruce Grove to Wabamun lake
 Diversion between sections 31 and 32, township 52-1w5.
 New road in section 23 and 24 township 52-2w5.
 Diversion in section 12 township 53-27w4.
 New road in sections 16, 17, 19, 20, 21, township 51-27w4.
 New road in sections 25, 26, 35 and 36 township 51-1w5, and sections 25 and 36 township 51-28w4
 Diversion in n.e. 12 township 52-2w5.
 Diversion section 22 township 52-1w5*
 New road in sections 2, 3, 10, 11, township 51-1w5.
 New road in sections 15 and 22, township 51-1w5

(Ditches staked out.)

Ditch on base line north of sections 36-52-1w5, and section 36-52-28w4, and east of section 36-52-1w5, and section 1-53-1w5.
 Ditch on road allowance between sections 9 and 10 township 53-26w4.
 Ditch on road allowance east of sections 29 and 32-51-24w4.
 Dowler Hill grade Traversing proposed Government buildings site west of city
 Survey of road south of sections 2 and 3 township 55-22w4.
 Survey of road through townships 55 and 56, ranges 21 and 22 west 4th meridian, along south side of Saskatchewan river.
 Road diversion in section 17-56-19w4.
 Road diversion in sections 13 and 24, township 56-19w4.
 Road diversion in section 31-56-19w4.
 Road diversion in section 29-52-18w4.
 Change in surveyed road in section 12-53-19w4.
 Road diversion in sections 4 and 9, 5 and 16, township 48-15w4.
 Road diversion in sections 4 and 5, township 48-21w4, and section 33 township 47-21w4.

Road diversion in section 1-48-24w4.
 Road diversion in section 20-48-24w4.
 Road along blind line in township 47, ranges 25 and 26, west 4th meridian.
 Road north of Wizard lake in sections 2 and 11, 3 and 10, township 48-27w4.
 Road diversion around Conjuring creek in sections 19 and 30, township 48-27w4.
 Survey of blind line road west of Leduc through township 49, ranges 27 and 28, west 4th meridian, township 49, ranges 1 and 2, west 5th meridian.
 Change in C. and E. trail in sections 13 and 24, township 50-25w4.
 Road diversion in sections 32-51-24w4.
 Checking survey in section 32-51-24w4.
 Resurvey across White Mud river in sections 10 and 15, township 51-25w4.
 Diversions around lake in sections 21 and 28, township 55-23w4.
 Diversions around swamp in section 22-56-24w4.
 Diversion around swamp in section 27-56-24w4.
 Drain between sections 15 and 16, 21 and 22, township 51-24w4.

(Examinations.)

Examination of road between sections 33 and 34, township 56-19w4.
 Examination of road between sections 9 and 16, township 56-19w4.
 Examinations of road between sections 14 and 15, township 53-19w4.
 Examination of road west of section 31-47-20w4.
 Examination of road along east side of Saunderson's lake in sections 19 and 20, township 50-24w4.
 Examination of surveyed road along blind line.
 Examination of Hay Lakes trail.
 Examination of road allowance north of sections 10 and 11, township 52-23w4.
 Examination of C. and E. trail south of Strathcona through section 20-52-24w4.
 Examination of proposed road along centre line of section 24 township 52-25w4.
 Examination of road between sections 23 and 24, township 54-22w4, and section 19-54-21w4.
 Examination of road east of section 19-54-21w4.
 Examination of road south of sections 2 and 3, township 55-25w4.
 Examination of road south of section 18 township 55-23w4.
 Examination of road east of sections 5, 8, 17 and 20, township 55-23w4.
 Other work contouring grounds at H. B. Fort for Provincial Parliament buildings.

The reports of the district surveyors and engineers in each district follow and give lists of the surveys completed and examinations made.

Your obedient servant,

L. C. CHARLESWORTH,
Director of Surveys.

Lacombe Public Works District.

LACOMBE, ALTA, December 31st, 1906.

JNO. STOCKS, ESQ.,
Deputy Minister of Public Works,
 Edmonton, Alta.

DEAR SIR,—I have the honour to submit the following report on the work performed by myself and party during the past season in the Lacombe Public Works District; a schedule classified as "New Roads," "Surveys" and "Inspections" is hereto attached.

On the completion of the returns of the work performed in the previous season, with the permission of the department, I left Red Deer, moving my headquarters from that town to Lacombe. This change was found necessary owing to the operation of the branch railway from the latter town, and from its central position with respect to the Lacombe public works district.

Owing to pressure of work in the department, it was found necessary to transfer my assistant to Edmonton, and it was necessary for me to take personal charge of my party until late in the season, and until my newly engaged assistant, who I engaged in August, became familiar with the work. Under these circumstances I was unable to leave my party and attend to the inspection work as promptly as I would have liked.

I was also retarded in my work by the loss by fire of my office and all records, notes, etc., of previous surveys and reports.

On completing work in the southern portion of the district, that is east and west of Bowden, I worked travelling east and west of the Calgary and Edmonton Railway for a considerable distance about seventy miles east and fifty miles west. Owing to the rapid settlement of the country the distance to be travelled each year is increasing to a very large extent, rendering it very difficult to handle the large amount of work spread over the district.

With exception of the north-easterly portion of the district lying east of Camrose and Dried Meat lake, every portion was visited by myself and party in the past season and the greater portion of the work completed.

The schedule of inspections may not be a complete list of the work of that nature performed by us through the past season, as I found it necessary to complete the same almost entirely from memory, owing to the loss by fire above referred to of all records and copies of my report for the greater portion of the year.

I noted throughout the past season a marked improvement in the method of expenditure and the results obtained from the moneys granted by the government to the different districts. I am of the opinion, however, that a still better result could be obtained if in addition to a permanent paid foreman for each electoral district a few teams and men were hired for the season's work, the balance being engaged in the vicinity of the work, as it is impossible to obtain good results from teams and men who are all unused to this class of work. I might also point out that in the season of the year when the work may be done to the greatest advantage that it is impossible to depend entirely on local men to supply the necessary labour and teams, as they can employ themselves to a greater advantage on their own property in haying, harvesting and other work connected with a farm.

Owing to continual absence from Lacombe in charge of my party, I was unable to visit the steam ditcher working between Lacombe and Morningside until later in the fall, when I went over the greater portion in connection with the resurvey. The whole ditch is in a fairly satisfactory condition, but that portion which was excavated three years ago will require a considerable amount of hand work in a number of places, where several sand bars have formed, and the banks have caved where quicksand was encountered in the original construction. Work of this kind is usual and very necessary each year on a ditch of this size, especially where the fall is limited, and if the work of maintenance is neglected the ditch will rapidly revert to its original state, and which will necessitate a new ditch being excavated.

My party through the greater portion of the season, consisted of myself, five men and a cook, and towards the end of the season I engaged an assistant.

My transport, etc., included three teams, two waggons, and the usual camp equipage for a party of this size.

Your obedient servant,

A. E. FARNCOMB,
District Engineer and Surveyor.

INSPECTIONS.

Inspection of road diversion east of section 36 township 34 range 3 west fifth meridian.

Inspection of road diversion north-west quarter of section 31 township 34 range 2 west fifth meridian.

Inspection of road west of Bowden, section 25 township 34 range 2 west fifth meridian.

Inspection of Calgary and Edmonton trail, sections 25, 36, 1, and 12, townships 34 and 35, range 29 west fourth meridian.

Inspection of crossing of station grounds, Red Deer

Inspection of road north of section 24 township 39 range 26 west fourth meridian.

Inspection of road between sections 10 and 15, township 38 range 26 west fourth meridian.

Inspection of bridge over Meeting creek, section 29 township 41 range 17 west fourth meridian.

Inspection of bridge over Red Willow creek, sections 4 and 33, townships 40 and 41, range 17 west fourth meridian.

Inspection of bridge over Big Knife creek, section 3 township 41 range 17 west fourth meridian

Inspection of road east of section 11 township 41 range 27 west fourth meridian

Inspection of road from Tees to Earlville.

Inspection of road from Morningside to Earlville

Inspection of road from Alix to Lamerton

Inspection of road between sections 17 and 20, and 16 and 21, in township 40 range 17 west fourth meridian.

Inspection of roads west of Battle river, township 43 ranges 1 and 2, west fifth meridian.

Inspection of road section 19 township 44 range 25 west fourth meridian

Inspection of road east of section 33 township 40 range 1 west fifth meridian.

Inspection of road north of section 34 township 38 range 21 west fourth meridian.

Inspection of road east of section 35 township 36 range 2 west 5th meridian

Inspection of road between sections 3 and 10, township 44 range 26 west fourth meridian.

Inspection of road allowance east of the south-east quarter of section 26 township 46 range 26 west fourth meridian.

Inspection of road allowance north of section 7 township 48 range 24 west fourth meridian

Inspection of road diversion sections 7 and 18, township 43 range 10 west fourth meridian

Inspection of road diversion section 15 township 39 range 28 west fourth meridian.

Inspection of road allowance east of section 35 township 36 range 2 west fifth meridian.

ROAD DIVERSIONS.

Road diversion in section 28 township 34 range 2 west fifth meridian

Road diversion in section 16 township 34 range 2 west fifth meridian.

Road diversion in section 1 township 34 range 27 west fourth meridian.

Road diversion in section 18 township 34 range 26 west fourth meridian.

Road diversion in section 3 township 35 range 26 west fourth meridian.

Road diversion in section 30 township 35 range 34 west fourth meridian.

Road diversions in sections 21 and 22, township 35 range 24 west fourth meridian.

Road diversion in sections 20 and 21, township 35 range 24 west fourth meridian.

Road diversion in sections 10 and 15, township 35 range 24 west fourth meridian.

Road diversion in north-east quarter of section 15 township 36 range 25 west fourth meridian.

Road diversion in south-east quarter of section 15 township 36 range 25 west fourth meridian.

Road diversion in sections 35 and 1, townships 35 and 36, range 26 west fourth meridian.

Road diversion in section 35 township 39 range 28 west fourth meridian.

Road diversions in sections 27 and 28, township 40 range 1 west fifth meridian.

Road diversion in section 21 township 40 range 1 west fifth meridian.

Road diversion in section 18 township 41 range 27 west fourth meridian.

Road diversion in section 4 township 41 range 25 west fourth meridian.

Road diversion in sections 18 and 19, township 41 range 23 west fourth meridian.

Road diversion in section 3 township 40 range 22 west fourth meridian.

Road diversion in section 9 township 40 range 20 west fourth meridian.

Road diversion in section 4 township 40 range 20 west fourth meridian.

Road diversion in east half of section 3 township 41 range 17 west fourth meridian.

Road diversion in sections 33 and 34, townships 40 and 41, range 17 west fourth meridian.

Road diversions in south-east quarter of section 3 township 41 range 17 west fourth meridian.

Road diversions in west half of section 10 township 41 range 17 west fourth meridian.

Road diversions in the south-east quarter of section 21 township 41 range 17 west fourth meridian.

Road diversions in north-east quarter of section 21 township 41 range 17 west fourth meridian.

Road diversions in section 6 township 39 range 20 west fourth meridian.

Road diversions in section 11 township 39 range 23 west fourth meridian.

Road diversion in section 17 township 39 range 24 west fourth meridian.

Road diversion in west half of section 12 township 41 range 28 west fourth meridian.

Road diversion on south-west quarter of section 35 township 41 range 27 west fourth meridian.

Road diversion in section 13 township 44 range 26 west fourth meridian.

Road diversion in section 24 township 43 range 25 west fourth meridian.

Road diversion in section 7 township 44 range 25 west fourth meridian.

Road diversion in sections 11 and 12, township 46 range 25 west fourth meridian.

Road diversion in section 28 township 47 range 27 west fourth meridian.

Road diversion in section 30 township 47 range 27 west fourth meridian.

Road diversion in section 27 township 46 range 22 west fourth meridian.

Road diversion in sections 15 and 16, township 42 range 24 west fourth meridian.

Road diversions in sections 7, 18, 8, and 17, township 41 range 22 west fourth meridian.

Road diversion in section 10 township 38 range 26 west fourth meridian.

Road diversion in section 32 township 41 range 26 west fourth meridian.

Road diversion in section 27 township 41 range 27 west fourth meridian.

Road diversions between sections 18 and 19, township 38 range 26 west fourth meridian.

Road diversion in section 33 township 36 range 26 west fourth meridian.

Road diversion between sections 13 and 14, township 39 range 4 west fifth meridian.

Road diversion in section 14 township 41 range 28 west fourth meridian.

Road diversion in section 7 township 42 range 24 west fourth meridian.

Road diversion in south-west quarter of section 1 township 38 range 24 west fourth meridian.

Road diversion in south-east quarter of section 5 township 38 range 24 west fourth meridian.

Road diversion in south-west quarter of section 3 township 38 range 24 west fourth meridian.

Road diversion in section 36 township 37 range 25 west fourth meridian.

Road diversion in section 1 township 38 range 26 west fourth meridian.

NEW ROADS

New road in sections 15 and 25, township 35 range 24 west fourth meridian.

New road in sections 15 and 16, township 36 range 4 west fifth meridian.

New road in sections 33 and 34, township 35 range 3 west fifth meridian.

New road in section 3 township 37 range 2 west fifth meridian.

New road in section 33 township 39 range 28 west fourth meridian.

Change of road in section 15 township 38 range 26 west fourth meridian.

Road through sections 17 and 18, township 41 range 2 west fifth meridian.

New road north of Tees.

Blind line in sections 18, 19, 23 and 24, township 41, ranges 23 and 24, west fourth meridian.

New road from Alix to Lamerton.

Blind line south of sections 33, 31, 32 and 36, township 40, ranges 17 and 18, west fourth meridian.
 Road through section 29 township 41 range 17 west fourth meridian.
 Blind line south of sections 21 and 22, township 41 range 17 west fourth meridian.
 Road west of Stettler.
 Road east of Stettler.
 Road to steel bridge at Content.
 Levels for drain section 34 township 38 range 21 west fourth meridian.
 Road from Bullocksville to Content.
 Blind line north of section 17 township 43 range 25 west fourth meridian.
 Road across Ermine Skin Indian reserve.
 Change in road north of section 13 township 46 range 24 west fourth meridian.
 Change in road Millet to Pigeon lake, section 14 township 47 range 27 west fourth meridian.
 Change in road Millet to Pigeon lake, section 29 township 47 range 27 west fourth meridian.
 Change in road R. L. section 3 township 46 range 21 west fourth meridian.
 Change in road Gould's crossing, Battle river, township 45 range 22 west fourth meridian.
 Road around Little Beaver lake, sections 25 and 26, township 44 range 21 west fourth meridian.
 Blind line north of sections 13, 18 and 17, township 43, ranges 22 and 23, west fourth meridian.
 Road around Nelson lake, section 3 township 42 range 24 west fourth meridian.
 The survey of Government drain No. 30, Lacombe slough.
 Change in Cemetery Hill, Red Deer.
 New road sections 13 and 14, township 39 range 28 west fourth meridian.
 Road through section 15 township 40 range 27 west fourth meridian.
 Road to steel bridge over Medicine river, section 7 township 36 range 1 west fifth meridian.
 Road in sections 6, 31 and 32, townships 38 and 37, range 23 west fourth meridian.
 Road in section 28 township 37 range 26 west fourth meridian.
 Change in R. L. sections 25 and 26, township 46 range 21 west fourth meridian.

MEDICINE HAT, December 21st, 1906.

JOHN STOCKS, ESQ.,
Deputy Minister of Public Works,
 Edmonton, Alta.

SIR,—I have the honour to submit the following report, with regards to the work performed by me, during the past season, in the public works district of Medicine Hat.

The greater portion of the work done this season consisted of road diversions, new roads, cross sections of creeks, reports and inspections.

Below is given a list of surveys and examinations made in the order of instructions received:

ROAD DIVERSION SURVEYS.

Diversion from road allowance through sections 32, 28, 21 and 16, township 10 range 5 west 4th meridian.

Continuation of Irvine-Josephsburg trail through Cypress Hills in sections 8, 9 and 4, township 9 range 2 west 4th meridian, and sections 34 and 27, township 8 range 2 west 4th meridian.

Survey of road diversions upon Medicine Hat to Irvine.

Survey of road diversion upon Irvine to Walsh.

Survey of road through east $\frac{1}{2}$ of section 22, west $\frac{1}{2}$ section 11, north-west quarter of section 14, and south-east $\frac{1}{4}$ of section 3, township 11-5w4.

Survey of proposed road through sections 4, 9 and 10, township 12-5w4.

Correction survey of road in section 31, township 9-16w4.

Survey of road through sections 14, 15, 22, 21 and 29, township 8 range 4 west 4th meridian.

Survey of road through sections 4, 9, 16, 17, 20 and 30, 31, township 7 range 3, west 4th meridian, and section 1 township 8 range 4 west 4th meridian.

Survey of diversion through sections 21 and 22, township 7 range 3 west 4th meridian.

Survey of road upon Walsh to Graburn.

Survey of road diversion in section 36 township 9 range 2 west 4th meridian.

Survey of new road climbing Cypress Hills, through section 19 township 8 range 2 west 4th meridian, and through sections 24, 13, 14 and 11, township 3 range 3 west 4th meridian.

Survey across Saskatchewan river at Medicine Hat for traffic bridge.

Reposting of Medicine Hat and Dunmore trail in section 32 township 12 range 5 west 4th meridian.

Survey of diversion through section 29 township 12 range 5 west 4th meridian.

Survey of new road from Medicine Hat to Ferry on Red Deer river.

EXAMINATIONS.

Examination and report for lease of road allowances between sections 19 and 20, east of section 19 and north of section 3, all in township 10 range 5 west 4th meridian.

Examination and report of fire guard running south of Irvine.

Examination and report of road diversion in section 2 township 13 range 5 west 4th meridian.

CROSS SECTIONS FOR BRIDGES WERE TAKEN AT

Lodge Creek, n.e. $\frac{1}{4}$ section 9 township 7 range 3 west 4th meridian.

Lodge Creek, east of section 17 township 7 range 3 west 4th meridian.

Beaver Creek, east of section 30 township 7 range 3 west 4th meridian.

Creek, n.e. $\frac{1}{4}$ section 27 township 11 range 2 west 4th meridian.

Creek, s.w. $\frac{1}{4}$ section 25 township 11 range 2 west 4th meridian.

Ross creek, north of section 31 township 9 range 2 west 4th meridian.

Ross creek, section 36 township 9 range 3 west 4th meridian.

Creek, east of section 13 township 9 range 3 west 4th meridian.

Creek, south-east $\frac{1}{4}$ section 14 township 8 range 4 west 4th meridian.

Coulee, north-east $\frac{1}{4}$ section 25 township 10 range 1 west 4th meridian.

Creek, north-east $\frac{1}{4}$ of section 36 township 9 range 1 west 4th meridian.

Creek, north-east $\frac{1}{4}$ section 13 township 11 range 1 west 4th meridian.

Coulee, section 36 township 10 range 1 west 4th meridian.

Creek, north-east $\frac{1}{4}$ section 36 township 9 range 1 west 4th meridian.

Creek, south-west $\frac{1}{4}$ of section 24 township 3 range 3 west 4th meridian.

Ross creek, n.e. $\frac{1}{4}$ section 29 township 12 range 5 west 4th meridian.

A large amount of work was done this season by the Government in improving the Josephsburg trail, and some time was spent in finding the best location for new roads climbing the Cypress Hills, good grades were obtained, and work is already progressing in the same.

Plans and field notes for the above surveys are now in course of preparation.

Your obedient servant,

J. A. CARBERT,
District Surveyor and Engineer.

CALGARY, December 10th, 1906.

JOHN STOCKS, ESQ.,
Deputy Minister of Public Works,
Edmonton, Alta.

SIR,—I have the honour to submit the following report of the work done by me, in the public works district of Calgary, during the year 1906.

For part of the winter I was occupied in the office, completing the returns of the work done the previous season.

New work was started on January 15th, and from that date to June 19th I was often in the field for examination of roads to prepare surveys of the season, relocating old surveyed roads for the road foreman, taking levels for road improvements, and locating bridge sites. A few roads and road diversions were also surveyed, where urgently needed. Reports and returns for these surveys were prepared and forwarded, as soon as possible after the work was done in the field.

On June 19th, having organized a party, I left for the regular season's work, going to Cochrane where the surveys of two main roads (Cochrane to Lochend, and Cochrane to Dogpound) were immediately wanted, men being already at work building these two roads. I also surveyed a few road diversions required in that neighbourhood.

On August 2nd I returned to Calgary with the party for the survey of two roads that were urgently needed south of town.

From there I went to the north-east part of district, making the surveys along the Calgary & Edmonton Railway and east of it, as far as Three Hill creek. This was completed by September 12.

As it was late in the season, I decided to go immediately to the south-east part of the district, where a number of surveys were required on the open prairie, and had to be rushed before the cold season set in. This was completed by October 8th, and after some surveys in the Porcupine Hills, I came north making surveys in the foothills and reaching Calgary on November 3rd.

As it was not very late in the season, the weather being fine, I decided to make a short trip to Dogpound creek and Little Red Deer river, where I made six surveys and three examinations urgently needed.

Winter set in on November 15th, with a fall of snow of 8 inches and the thermometer dropping down to 16 degrees below zero on the 19th. Having completed my work on the Little Red Deer river, I came back to Calgary where the party was discharged on the 21st.

Field notes of the surveys made have already been forwarded. A few of the reports which have not been completed, will be forwarded as soon as possible after the first of the year.

I have the honour to be, Sir,

Your obedient servant,

ALBERT CHAS. TALBOT,
District Surveyor and Engineer.

OLD TRAILS.

Diversion of North Morleyville trail, section 29-24-1w5.
Diversion of North Morleyville trail, section 12-26-4w5.
Diversion of North Morleyville trail, section 24-26-4w5.
Diversion of Dogpound trail, section 9-26-4w5.

NEW ROADS.

Part of blind line road west of Crossfield, section 26-28-1w5.
Blind line road north, sections 17/18-18-1w5, and 13/14-18-2w5.

Road, Cochrane to Lochend, from section 7-26-3w5 to 35-28-3w5.
 Road, Cochrane to Dogpound, townships 27 and 28-4w5.
 Road in section 6-26-3w5.
 Road north of sections 13 and 14-22-1w5.
 Road in centre of section 20-23-1w5.
 Road in centre of section 3-29-27w5.
 Road along north boundary of section 3-30-29w4.
 Road on blind line east of Didsbury, township 31-1w5 and 27-28/29w4.
 Blind line road north of sections 27/28-18-26w4.
 Blind line road east of Nanton, section 17-16-26w4.
 Road between sections 30 and 31-15-27w4.
 Change of road through town of Nanton, connecting blind line road east and west, section 15-16-28w4.
 Road in William's coulee, sections 15, 16, 17 and 18-16-29w4.
 Part of road, Nanton to Willows, sections 11, 14, 23, 24, 25 and 36, township 15-29w4 and section 1-16-29w4.
 Road on centre of sections 26 and 35-19-1w5.
 Part of road, Okotoks to Millarville, section 25-20-1w5.
 Road along south boundary of section 7-21-28w4.
 Road on centre of section 13-20-3w5.
 Blind line road north of sections 27 and 28-29-4w5.
 Blind line road north of section 13-31-4w5.

ROAD DIVERSIONS.

In sections 10 and 15-24-3w5 of blind line road east of Didsbury in section 16 and 17-31-1w5.
 In section 18-25-28w4.
 In section 17-26-3w5.
 In sections 22 and 27-27-2w5.
 In sections 21 and 22-26-5w5.
 In section 21-27-1w5.
 In section 9-27-1w5.
 In sections 3 and 4-28-1w5.
 In section 10-27-29w4.
 In section 9-27-2w5.
 In sections 12 and 13-30-29w4.
 In section 18-30-28w4.
 In sections 14 and 15-30-1w5.
 In sections 20 and 29, and 21 and 28, township 30-27w4.
 In sections 22 and 27-31-24w4.
 In section 7-32-1w5.
 In section 15-32-2w5.
 In sections 21/28, and 22/27-33-28w4.
 In section 36-21-1w5.
 In section 11-21-27w4.
 In section 15-21-26w4.
 In section 12-21-26w4.
 In section 21-20-25w4.
 In section 31-15-26w4.
 In sections 27 and 28-16-27w4.
 In section 18-20-28w4.
 In section 26-20-3w5.
 In section 16-21-3w5.
 In section 19-22-1w5.
 In section 35-29-4w5.
 In section 27-31-4w5.
 In section 16-31-4w5.
 In sections 8 and 17-31-4w5.

INSPECTIONS, ETC.

South Morleyville trail, section 8-24-1w5.
 South Morleyville Nimmons property, section 8-24-1w5.
 Levels for grade, section 34-27-1w5.
 Levels on road north, section 8-24-1w5.
 Road in section 18-23-28w4.
 Checking survey, sections 8 and 9-19-27w4.
 Checking survey, section 29-20-29w4.
 Road Cochrane to Dogpound.
 Road Cochrane to Lochend.

Proposed road, section 20-23-1w5.
 Calgary and Edmonton trail, in sections 13, 24 and 25-25-1w5.
 Railway crossing at Shepard, section 13-23-29w4.
 Road, section 36-23-1w5.
 Roads, section 24-24-1w5.
 North Morleyville trail, section 29-24-1w5.
 Nose Creek Beaver dam trail, sections 5 and 8-26-1w5.
 Proposed road diversion in sections 4 and 5-26-1w5 and 32/33-25-1w5.
 Finding corners for road foreman, Priddis trail on Sarcee Indian reserve.
 Road on section 18-24-1w5.
 Bridge site over Rosebud creek, section 28-27-25w4, Kneehill creek trail.
 Levels and soundings across slough, section 22-25-29w4.
 Checking D. L. S. Moore's survey, Priddis trail, Sarcee Indian reserve.
 Levels for proposed drain at Cochrane, section 3-26-4w5.
 Edmonton trail (closing) in sections 3, 10 and 15-27-29w4.
 Blind line road east of Crossfield.
 Proposed road diversion, section 29-30-28w4.
 Proposed road diversion, section 15-30-1w5.
 Proposed blind line road east of Mayton, township 33-26w4.
 Proposed blind line road north, section 6-32-28w4.
 Proposed road diversion, sections 19 and 20-33-1w5.
 Proposed road diversion, sections 29-21-29w4.
 Road, section 19-21-29w4.
 Road diversion, section 13-20-26w4.
 Proposed blind line road across township 15-27w4.
 Proposed blind line road west of Nanton.
 Proposed road diversion, section 11-18-29w4.
 Proposed road diversion, section 7-18-2w5.
 Proposed blind line road north of section 18-18-29w4.
 Road allowances, township 20-3w5, to close surveyed road.
 Road allowances, section 34-21-3w5, to close surveyed road.
 Surveyed road across section 8-21-3w5 to be closed.
 Proposed blind line road north of section 28-27-3w5.
 Proposed road diversion, section 30-27-2w5.
 Proposed diversion of road east of section 34-29-4w5.
 Finding corners between sections 12 and 13-31-4w5.

MACLEOD, ALTA., December 31st, 1906.

JOHN STOCKS, ESQ.,
Deputy Minister, Department of Public Works,
 Edmonton, Alta.

SIR,—I have the honour to submit the following report on the survey of roads in the public works district of Vegreville, during the season of 1906.

My appointment as district surveyor and engineer dates from June 1st last. Going into camp on June 15th, I was engaged until November 15th in locating new roads and surveying road diversions around the numerous physical obstructions to travel on the regular road allowances. While the season available for field work was not sufficient to clear off all work for which instructions were received, good progress was made. Weather conditions were generally favourable and I was fortunate in obtaining a party of good men.

The following surveys have been carried out during the season, field-notes for which have already been submitted:

A resurvey was made of certain portions of the Fort Saskatchewan-Victoria road with a view to shortening and otherwise improving it.

A new road was located and surveyed leading from Victoria into Smoky lake district.

A road was located and surveyed leading from Victoria to Edward P.O.

A road was surveyed along the river front at Victoria giving access to the ferry.

A new grade leading to the ferry was located on the south side of the Saskatchewan river opposite Victoria.

A road was surveyed along the blind line south of sections 31 to 36 in township 56-15w4.

A road diversion was surveyed around a slough between sections 20 and 29 in township 56-15w4.

A new road was surveyed along the east and south shore of Lake Whitford in township 56 ranges 15 and 16.

A road diversion was made in n. e. $\frac{1}{4}$ section 7 and n. w. $\frac{1}{4}$ section 8, in township 52-14w4, to connect with the new bridge crossing Vermilion river.

A diversion was surveyed in section 6 township 52-14w4 to avoid bend in Vermilion river, and to give access to new bridge crossing the river.

A road diversion was surveyed in sections 1 and 2, township 52-15w4, giving access to bridge crossing Vermilion river on road allowance south of section 1.

A road was surveyed in the n. e. $\frac{1}{4}$ section 15 and s. e. $\frac{1}{4}$ section 22, in township 53-14w4, to bridge site across Vermilion river, on road between Vegreville and Warwick.

A road diversion was surveyed in the n. e. $\frac{1}{4}$ section 34, in township 53-14w4, giving access to new bridge crossing Vermilion river at Warwick P.O., leading east and west.

A road diversion was made in the n. e. $\frac{1}{4}$ of section 34, in township 53-14w4, giving access to bridge site crossing Vermilion river at Warwick, where a second bridge is required to accommodate travel north and south.

Road diversions were made in the s. w. $\frac{1}{4}$ section 2 and s. w. $\frac{1}{4}$ section 11, in township 54-14w4, giving access to Warwick from the north.

Road diversions were made in section 9, in s. w. corner of section 15 and s. e. corner of section 16, township 54-14w4, on account of Spring creek.

A road diversion was surveyed in s. w. $\frac{1}{4}$ of section 2, in township 54-14w4, to avoid cut banks bordering the Vermilion river.

A road diversion was surveyed in the s. w. corner of section 5, township 54-13w4, to avoid a lake between section 32 and section 5.

A new road was surveyed along blind line between sections 1 and 12, township 54-14w4, leading from Warwick to Pozerville and Brosseau's crossing.

A new road was surveyed between the north and south halves of sections 7 and 8, township 54-13w4, leading from Warwick to Brosseau's crossing.

A road diversion was surveyed in section 18, township 54-13w4, on road allowance leading to Pozerville, west of this section, to avoid bend of the Vermilion river.

A road diversion was surveyed in n. w. $\frac{1}{4}$ section 18, township 54-13w4, to give access to bridge across Vermilion river, on road leading to Pozerville.

A new road was surveyed through sections 19 and 30, township 54-13w4, leading to bridge in section 30, on road to Pozerville.

A new road was surveyed through the n. e. $\frac{1}{4}$ section 21, township 54-13w4, across the Vermilion river flats to bridge site on Vermilion river.

A road diversion in the s. e. $\frac{1}{4}$ section 28, township 54-13w4, leading to Pozerville.

A road diversion in n. w. $\frac{1}{4}$ section 14, township 54-13w4, on account of deep ravine crossing road allowance east of section 14.

A road diversion in s. w. $\frac{1}{4}$ section 24, township 54-13w4, on account of swampy valley, bordered by steep hills, crossing road allowance between sections 23 and 24.

A road diversion in n. w. $\frac{1}{4}$ section 24, township 54-13w4, on account of marsh bordered by steep hill, rendering the road allowance north of section impassable.

A new road in section 30, township 54-12w4, between the s. w. and s. e. and s. e. and n. e. quarters, giving access to bridge across Vermilion river on east boundary of section 31.

Resurvey of road leading to Brosseau's ferry, on the north bank of the Saskatchewan river, in s. w. $\frac{1}{4}$ section 35, township 55-12w4.

A road diversion in section 9 and 10, township 54-13w4, on account of steep hill crossing road allowance between these sections.

A road diversion in n. e. $\frac{1}{4}$ section 33, township 53-13w4, and in s. e. $\frac{1}{4}$ section 4, township 54-13w4, to avoid a steep hill.

A road diversion in section 33, township 53-13w4, to avoid a large lake on road allowance east of this section.

A road diversion in n. w. $\frac{1}{4}$ section 10, township 53-13w4, to avoid a steep hill crossing road allowance between sections 9 and 10.

A road diversion in n. w. $\frac{1}{4}$ section 3, township 53-13w4, to avoid a marshy lake on road allowance between sections 3 and 4.

A road diversion in section 28, 52-13 w 4, to avoid a lake on road allowance between sections 27 and 28.

New roads in section 34, township 57-15w4, leading to Shandro ferry crossing.

A survey was made at Ranfurly with a view to locating a railway crossing, giving access to the town from the south, a report of which has been submitted.

A road diversion was surveyed in the s. w. $\frac{1}{4}$ section 30, township 51-12w4, on account of high railway embankment, and a lake, obstructing the road allowance west of section 30.

A road diversion was surveyed in s. e. $\frac{1}{4}$ section 18, township 52-12w4, to avoid a lake on the road allowance east of section 18.

A road diversion was surveyed in n. e. $\frac{1}{4}$ section 8, township 50-12w4.

A road diversion was surveyed in n. w. $\frac{1}{4}$ section 28, and in s. w. $\frac{1}{4}$ section 33, township 50-12w4, to avoid a lake.

A road diversion was surveyed in section 6, township 50-11w4, to avoid lakes between townships 49 and 50.

A road diversion was surveyed in section 31, township 48-12w4, to avoid a lake on the road allowance between ranges 12 and 13.

A new road was surveyed between the north and south halves of section 17, township 52-14w4, giving access to Vegreville from the east, by way of the new bridge crossing Vermilion river.

Snow arrived on November 2nd, and until the 15th it continued to fall, off and on. Travelling with wheel rigs became too difficult for field work to be carried on with any profit; I, therefore, brought in my party and paid the men off.

I have the honour to be, Sir,

Your obedient servant,

A. W. PONTON,
District Surveyor and Engineer.

LETHBRIDGE, ALTA, December 31st, 1906.

JOHN STOCKS, ESQ.,
Deputy Minister of Public Works,
Edmonton, Alta.

SIR,—I have the honour to submit the following report on the work done in the South Alberta district during the past season.

I received my appointment as district surveyor and engineer June 1st and immediately commenced preparations for field work; as instructions for surveys were received shortly after my appointment, I organized my party and started to Lyndon where I was instructed to begin on June 11th.

I worked from Lyndon southward to Macleod, then westward to Cowley, Frank and Blairmore, and returned by way of Livingstone, Cowley, Mountain Mill, Pincher Creek, and Summerview, where I broke camp for the winter on December 8th. My teams arrived at headquarters December 15th.

In years past when the country was sparsely settled, roads were surveyed along old trails, cutting across country without regard for lands or road allowances. The district is now being brought under cultivation rapidly, and in consequence the old trails are being closed by fences, and traffic is forced to follow road allowances wherever practicable. For this reason I have spent a considerable part of the season in changing old surveys, from cutting lands diagonally, to road allowances, and surveying diversions where necessary.

In several instances Mr. R. W. MacIntyre, assistant to the chief engineer, preceded me in the examination of old roads, and the work was very much expedited by his staking grades in advance of surveys. In some places dugways were made on his locations and in consequence the public has received the benefit of not having to wait until the survey party arrived.

The season was an exceptionally good one for survey operations. Very little time was lost on account of storm, a few days in June on account of rain and a few in November and December on account of snow and extreme cold.

I was held very closely in camp on account of not being able to get a competent assistant until the first of November, and whenever I was obliged to leave my party was idle. Some time was lost in this way, but as a whole the season's work has been satisfactory.

Five pieces of important work deserve special mention, viz.: road across the Frank slide; change in location of road up Connelly creek in sections 3, 4, 5, 6, 8, township 8 range 2 west 5th meridian, and construction of dugways on same; new road up banks of Crow's Nest river at Lundbreck; new road to the steel bridge over Crow's Nest river north-west of Cowley and the new road to bridge site on Old Man's river north of Pincher creek.

As a rule the necessity for good roads is being impressed upon settlers and not much difficulty is met in the way of obtaining permission to locate roads through private property.

Below is a list of surveys made:

RESURVEYS.

Change of road between Lyndon in township 12 range 29 west 4th meridian and Macleod in township 9 range 26 west 4th meridian.

Change of surveyed road up Fivemile creek in sections 10, 15, 22, 27, township 9 range 28 west 4th meridian.

Change of road in sections 29 and 32, township 7 range 1 west 5th meridian.

Change of surveyed road up Connelly creek in sections 3, 4, 5, 6 and 8, township 8 range 2 west 5th meridian.

Change of surveyed road across coulee in section 4 township 8 range 4 west 5th meridian.

Resurvey of road through section 36 township 7 range 4 west 5th meridian.

Resurvey of road in n. e. $\frac{1}{4}$ section 8 and in s. e. $\frac{1}{4}$ section 17 township 6 range 1 west 5th meridian.

Resurvey of road in s. e. $\frac{1}{4}$ section 8 township 6 range 1 west 5th meridian.

Resurvey of road in sections 2 and 3, township 6 range 1 west 5th meridian.

NEW ROADS.

Road through section 26 township 7 range 2 west 5th meridian.

Road through centres of sections 16, 21, 28, township 9 range 28 west 4th meridian.

Road through sections 15 and 16, township 8 range 30 west 4th meridian, and sections 12, 11 and 2, township 8 range 1 west 5th meridian, and through sections 35 and 26 township 7 range 1 west 5th meridian.

New road across the Frank slide in sections 20, 29, 30, 31, township 7 range 3 west 5th meridian

Road south of Crow's Nest branch of the Canadian Pacific Railway in sections 20 and 21, township 7 range 1 west 5th meridian.

Road through section 30 township 7 range 29 west 4th meridian, and through sections 25, 24, 14, 13, 12, 11, and 1, township 7 range 30 west 4th meridian

Road in sections 20, 21 and 29, township 7 range 29 west 4th meridian.

Road through section 30 township 7 range 29 west 4th meridian, and through sections 35 and 36, township 7 range 30 west 4th meridian.

DIVERSIONS.

Diversion into n. w. $\frac{1}{4}$ section 5 township 9 range 1 west 5th meridian.

Diversion north of section 32 to township 8 range 1 west 5th meridian.

Diversion into s. w. $\frac{1}{4}$ section 1 township 9 range 2 west 5th meridian.

Diversion from road allowance east of section 15 township 6 range 2 west 5th meridian through n. e. $\frac{1}{4}$ of this section

Diversion from road allowance through n. e. corner section 30 and s. e. $\frac{1}{4}$ section 31 township 5 range 1 west 5th meridian.

Diversion from road allowance through east $\frac{1}{2}$ of section 31 township 5 range 1 west 5th meridian.

Diversion from road allowance into n. w. $\frac{1}{4}$ section 5, and s. w. $\frac{1}{4}$ section 8 township 6 range 1 west 5th meridian.

Diversion from road allowance east of section 30 township 7 range 29 west 4th meridian.

Diversion from road allowance east of section 36 township 7 range 30 west 4th meridian into section 31 township 7 range 29 west 4th meridian.

Diversion into section 5 township 8 range 29 west 4th meridian.

Diversion north of sections 32 and 33 township 7 range 29 west 4th meridian.

Diversion from road allowance into east $\frac{1}{2}$ of section 33, and n. e. $\frac{1}{4}$ section 28 township 7 range 29 west 4th meridian.

Diversion from road allowance into sections 1 and 2, township 8 and into section 36 township 7 range 30 west 4th meridian.

EXAMINATIONS.

Examinations and report on proposed road in sections 5, 6, 8, township 11 range 28 west 4th meridian.

Examination and report on road allowance between sections 20 and 29, township 10 range 28 west 4th meridian.

Examination and report on proposed diversion in sections 11 and 14, township 10 range 27 west 4th meridian.

Examination and report on proposed road between sections 30 and 31, township 8 range 22 west 4th meridian.

Examination and report on proposed road in sections 35 and 36, township 8 range 22 west 4th meridian.

Examination and location with Mr. R. W. MacIntyre of road in section 31 township 4 range 29 west 4th meridian.

Examination with Mr. R. W. MacIntyre of proposed road in sections 23, 26, 36, township 4 range 30 west 4th meridian.

Two examinations and reports on conditions respecting roads through the New Walrond ranche in township 10 range 2 west 5th meridian.

Examination and report on proposed road in sections 10, 22 and 26, township 8 range 1 west 5th meridian.

Examination and report on proposed road between sections 16 and 21, township 7 range 1 west 5th meridian.

Examination and report on surveyed road in section 19 township 7 range 2 west 5th meridian.

Examination and report on road allowance between sections 28 and 29, township 8 range 1 west 5th meridian.

Examination of road west of sections 10 and 15, township 5 range 30 west 4th meridian.

Examination and report on proposed diversions and bridge site on boundary creek between Cardston and the International boundary line.

Examination and report on road allowance between sections 34 and 35, township 8 range 2 west 5th meridian.

Examination and report on conditions respecting the extension of the Main street of Pincher creek through section 23, township 6 range 30 west 4th meridian.

Cross sections of streams were taken where required.

Field notes are now in course of preparation.

Your obedient servant,

R. J. GORDON,
District Surveyor and Engineer.

LOCAL IMPROVEMENT BRANCH.

EDMONTON, ALBERTA, December 31st, 1906.

JOHN STOCKS, ESQ.,

Deputy Minister of Public Works,

Edmonton.

SIR,—I beg to submit the following report of the work of the Local Improvement Branch of the Department of Public Works during the year 1906.

It is through this branch of the department that The Local Improvement Ordinance, Village Ordinance and that part of The School Ordinance relating to the collection of arrears of school taxes in rural school districts are administered, and as all these Ordinances deal largely either directly or indirectly with the taxation of occupied lands in the province, the increase in settlement, the continual transfer and re-transfer of lands, and the growth throughout the country of business centres along the new lines of railway have greatly increased the work of the branch during the past year.

LARGE LOCAL IMPROVEMENT DISTRICTS.

All lands in the province except those that are included within the areas of cities, towns, villages or small local improvement districts are included in what are known as large local improvement districts; the boundaries of these districts being coterminous with the boundaries of the electoral districts. The total assessment in the large local improvement districts for the year 1906 amounted to \$145,844.08 and the total amount collected amounted to \$64,194 31. The constant change in the ownership of lands makes the work of collecting these taxes much more difficult than it otherwise would be, as it is very hard to locate the owners of much of the land, owing to the fact that many of the transfers made are not registered. The following statement shows the amount of taxes levied and the amount collected in each of the large local improvement districts:

NO	DISTRICTS	AMOUNT OF ASSESSMENT	AMOUNT COLLECTED
601	Medicine Hat	\$17,770 60	\$ 6,448 20
602	Cardston .	15,063 84	13,945 85
603	Pincher Creek	2,187 41	1,994 74
604	Macleod .	7,245 79	6,046 82
605	Lethbridge	21,330 49	21,044 64
606	Gleichen .	35,170 50	721 21
607	High River	2,993 50	2,155 97
608	Banff .	3,857 77	1,978 12
609	Rosebud	3,351 84	765 62
610	Innisfail .	3,731 89	727 19
611	Red Deer	5,468 37	1,569 63
612	Lacombe .	2,988 84	783 30
613	Ponoka	1,216 53	523 80
614	Wetaskiwin	875 80	310 37
615	Vermilion	18,669 93	3,767 19
616	Leduc	513 90	209 61
617	Stony Plain	553 55	269 18
618	Strathcona .		13 60
619	Victoria	721 63	276 00
620	Sturgeon	1,007 13	264 93
621	St. Albert	1,083 15	364 24
622	Athabasca	41 62	14 10
623	Peace River		
		\$ 145,844 08	\$ 64,194 31

SMALL LOCAL IMPROVEMENT DISTRICTS.

During the year 1906, forty-one new districts were organized, making a total of one hundred and forty-five districts in existence at the end of the year.

These small district organizations are on the whole doing fair work, but in some cases they are not as successful as they might be on account of the lack of interest in district affairs shown by the residents of the districts. In some districts this lack of interest has allowed the control of the affairs of the district to pass into the hands of people who were either unable or unwilling to properly attend to them, and as a consequence little progress has been made.

There are signs, however, that this state of things is to a certain extent being remedied, as in some of the districts in which such conditions have existed, the people now appear to have become alive to their best interests and are, I think, putting men into office who will carry on the work of the districts on a more business-like basis. There is still great room for improvement along this line and the people can only get the full benefit of this organization by selecting as their councillors practical men who have the welfare of the district at heart.

As another example of the greater interest which is being shown in small district work I may point out that there was a notable increase during the year 1906 in the rate of assessment levied in small local improvement districts; many of the districts levying the maximum rate of five cents per acre. In the past year arrears of taxes to the amount of \$12,661.75 were collected by this branch and forwarded to the small local improvement districts.

The business between the district and the department is, of course, transacted through the secretary-treasurer of the district, and while in the majority of cases it has been carried on in a fairly satisfactory manner yet in many instances it has been very difficult to obtain prompt and accurate returns and information. The failure to get the necessary returns and information from these officials causes the department and the public at large a good deal of annoyance and inconvenience, and in addition the incompetence of some of the secretary-treasurers is, I think, a serious drawback to many districts. Under these circumstances, I think it would be advisable to have some legislation adopted whereby the department would have such control over the secretary-treasurers as would enable us to see that the books and records of each district are properly kept, and that the required information is promptly forwarded.

The following is a complete list of all the small local improvement districts in existence at the end of the year 1906, together with the date of organization, the area of each district, the name of the secretary-treasurer and the rate of assessment which was levied in the past year:

25-A-4—Organized 1906.—Townships 49 and 50 in ranges 1 and 2, west fourth meridian. Secretary-treasurer, J. W. Turner, Onion Lake, Alberta. Rate of assessment 1906, \$2 00 per quarter section.

26-A-4—Organized 1906.—Townships 51 and 52 in ranges 1 and 2, west fourth meridian. Secretary-treasurer, Jno. Campbell, Lloydminster, Alberta. Rate of assessment 1906, \$2 00 per quarter section.

5-B-4—Organized 1905.—Townships 9 and 10 in ranges 2, 3 and 4, west fourth meridian. Secretary-treasurer, J. Robinson, Josephsburg, Alberta. Rate of assessment 1906, \$2.80 per quarter section.

6-B-4—Organized 1906.—Townships 11 and 12 in ranges 4 and 5, west fourth meridian. Secretary-treasurer, Geo. Jenkins, Medicine Hat, Alberta. Rate of assessment 1906, \$2.00 per quarter section.

26-B-4—Organized 1905.—Townships 51 and 52 in ranges 3 and 4, west fourth meridian. Secretary-treasurer, Wm. Ashworth, Islay, Alberta. Rate of assessment 1906, \$3.20 per quarter section.

26-C-4—Organized 1906.—Townships 50, 51 and 52 in ranges 5 and 6, west fourth meridian. Secretary-treasurer, Edwin Covey, Vermilion, Alberta. Rate of assessment 1906, \$3.20 per quarter section.

26-D-4—Organized 1906.—Townships 51 and 52 in ranges 7 and 8, west fourth meridian. Secretary-treasurer, Richard Good, Vermilion, Alberta. Rate of assessment 1906, \$2 00 per quarter section.

26-E-4—Organized 1906.—Townships 51 and 52 in ranges 9, 10 and 11, west fourth meridian. Secretary-treasurer, W. T. Machin, Delnorte, Alberta. Rate of assessment 1906, \$5.60 per quarter section.

22-H-4—Organized 1906.—Townships 43 and 44 in ranges 10, 11 and 12, west fourth meridian. Secretary-treasurer, R. L. Freeman, Holmstown, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

24-H-4—Organized 1905.—Townships 47 and 48 in ranges 11 and 12, west fourth meridian. Secretary-treasurer, J. A. Craig, Viking, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

25-H-4—Organized 1905.—Townships 49 and 50 in ranges 11 and 12, west fourth meridian. Secretary-treasurer, Archie Cartwright, Gilpin, Alberta. Rate of assessment 1906, \$2.00 per quarter section.

22-J-4—Organized 1906.—Townships 43 and 44 in ranges 13 and 14, west fourth meridian. Secretary-treasurer, E. H. Malcolm, Youngstown, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

23-J-4—Organized 1906.—Townships 45 and 46 in ranges 13 and 14, west fourth meridian. Secretary-treasurer, W. W. Russell, Wavy Lake, Alberta. Rate of assessment 1906, \$4.80 per quarter section.

24-J-4—Organized 1906.—Townships 47 and 48 in ranges 13 and 14, west fourth meridian. Secretary-treasurer, Geo. A. Loades, Viking, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

25-J-4—Organized 1905.—Townships 49 and 50 in ranges 13 and 14, west fourth meridian. Secretary-treasurer, Robert Allan, Martins, Alberta. Rate of assessment 1906, \$4 00 per quarter section.

26-J-4—Organized 1905.—Townships 51 and 52 in ranges 12, 13 and 14, west fourth meridian. Secretary-treasurer, Hugh A. Glaspell, Vegreville, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

27-J-4—Organized 1905.—Townships 53 and 54 in ranges 13 and 14, west fourth meridian. Secretary-treasurer, E. H. Wynn McKenzie, Warwick, Alberta. Rate of assessment 1906, \$6 00 per quarter section.

28-J-4—Organized 1905.—Parts south and west of Saskatchewan river of townships 56 and 57 in range 12, townships 55 and 56 in range 13, part south of Saskatchewan river of township 57 in range 13, townships 55 and 56 in range 14 and part south of Saskatchewan river of township 57 in range 14, west fourth meridian. Secretary-treasurer, J. E. Cunningham, Soda Lake, Alberta. Rate of assessment 1906, \$5 00 per quarter section.

19-M-4—Organized 1906.—Townships 37 and 38 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, Jas. I. Klamroth, Dora, Alberta. Rate of assessment 1906, \$2 00 per quarter section.

20-M-4—Organized 1906.—Township 39 in ranges 15 and 16 and part south of river of township 40 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, J. B. Freebury, Foreman, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

21-M-4—Organized 1905.—Part north of Battle river of township 40 in range 15, townships 41 and 42 in range 15, part north and east of Battle river of township 41 in range 16, township 41 in range 17, part east of Battle river of township 42 in range 17 and township 42 in range 16, west fourth meridian. Secretary-treasurer, L. Ned Bull, Hastings Coulee, Alberta. Rate of assessment 1906, \$6.00 per quarter section.

22-M-4—Organized 1904.—Townships 43 and 44 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, F. R. Bowlby, Spring Lake, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

23-M-4—Organized 1906.—Townships 45 and 46 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, E. A. Quantz, Daysland, Alberta. Rate of assessment 1906, \$6.40 per quarter section.

24-M-4—Organized 1906.—Townships 47 and 48 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, Alex. McArthur, Hurry, Alberta. Rate of assessment 1906, \$6.40 per quarter section.

25-M-4—Organized 1904.—Townships 49 and 50 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, Chas. N. Brisbin, Vermilion Valley, Alberta. Rate of assessment 1906, \$3.75 per quarter section.

26-M-4—Organized 1904.—Townships 51 and 52 in ranges 15 and 16 and part east of Beaver Lake of townships 51 and 52 in range 17, west fourth meridian. Secretary-treasurer, W. M. Campbell, Bathgate, Beaver Lake, Alberta. Rate of assessment 1906, \$6 00 per quarter section.

27-M-4—Organized 1904.—Townships 53 and 54 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, Peter Svarich, Kolomea, Alberta. Rate of assessment 1906, \$4 00 per quarter section.

28-M-4—Organized 1904.—Townships 55 and 56 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, Thos. Hall, Whitford, Alberta. Rate of assessment 1906, \$5 00 per quarter section.

29-M-4—Organized 1904.—Part south and west of Saskatchewan river of township 57 in range 15, township 57 in range 16, and part south and west of Saskatchewan river of township 58 in ranges 15 and 16, west fourth meridian. Secretary-treasurer, Andrew S. Shandro, Shandro, Alberta. Rate of assessment 1906, \$5 00 per quarter section.

30-M-4—Organized 1906.—Part north of river of township 57 in ranges 14 and 15, part north of river of township 58 in range 15; and township 58 in range 14 and township 59 in ranges 14 and 15, west fourth meridian. Secretary-treasurer, A. S. Shandro, Shandro, Alberta. Rate of assessment 1906, \$5 00 per quarter section.

20-N-4—Organized 1904.—Townships 39 and 40 in ranges 17 and 18, west fourth meridian. Secretary-treasurer, T. C. Barrett, Red Willow, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

21-N-4—Organized 1905.—Portions south and west of Battle river of townships 41 and 42 in ranges 16, 17 and 18, and portions west of Battle river of township 43 in ranges 17 and 18, west fourth meridian. Secretary-treasurer, J. Murphy, Wessington, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

22-N-4—Organized 1904.—Township 44 in range 17, and portions north of Battle river and Dried Meat lake of township 43 in ranges 17 and 18 and township 44 in ranges 18 and 19, west fourth meridian. Secretary-treasurer, G. W. Sawyer, Ferry Point, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

23-N-4—Organized 1905.—Townships 45 and 46 in ranges 17 and 18, west fourth meridian. Secretary-treasurer, O. E. Olesberg, Bawlf, Alberta. Rate of assessment 1906, \$4 00 per quarter section.

24-N-4—Organized 1905.—Townships 47 and 48 in ranges 17 and 18, west fourth meridian. Secretary-treasurer, P. Iverson, Earling, Alberta. Rate of assessment 1906, \$6.80 per quarter section.

25-N-4—Organized 1905.—Townships 49 and 50 in ranges 17 and 18, west fourth meridian. Secretary-treasurer, L. Bolton, Tofield, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

26-N-4—Organized 1906.—Townships 51 and 52 in ranges 18 and 19, west fourth meridian. Secretary-treasurer, C. C. Harriman, Tofield, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

27-N-4—Organized 1906.—Townships 53 and 54 in ranges 17 and 18, west fourth meridian. Secretary-treasurer, Henry Theis, Ross Creek, Alberta. Rate of assessment 1906, \$1 00 per quarter section.

28-N-4—Organized 1904.—Townships 55 and 56 in ranges 17 and 18, west fourth meridian. Secretary-treasurer, Theo. Nemirsky, Wostok, Alberta. Rate of assessment 1906, \$4 25 per quarter section.

29-N-4—Organized 1904.—All of township 57 in range 17, township 57 in range 18, part south of Saskatchewan river of township 58 in range 18, township 57 in range 19, part south of Saskatchewan river of township 58 in range 19, township 57 in range 20 and part east of river of township 58 in range 20, west fourth meridian. Secretary-treasurer, Theo. Nemirsky, Wostok, Alberta. Rate of assessment 1906, \$3.00 per quarter section.

30-N-4—Organized 1905.—All of township 58 in range 17, all of township 59 in ranges 16 and 17 and part north of the river of township 58 in ranges 16 and 18, west fourth meridian, and township 59 in range 18, west fourth meridian. Secretary-treasurer, G. H. Harper, Pakan, Alberta. Rate of assessment 1906, \$3 28 per quarter section.

20-P-4—Organized 1906.—Townships 39 and 40 in ranges 19 and 20, west fourth meridian. Secretary-treasurer, H. A. Lothrop, Stettler, Alberta. Rate of assessment 1906, \$4 80 per quarter section.

21-P-4—Organized 1906.—Townships 41 and 42 in ranges 19 and 20, west fourth meridian. Secretary-treasurer, W. E. Lee, Whitebrush, Alberta. Rate of assessment 1906, \$2.00 per quarter section.

22-P-4—Organized 1904.—Township 43 in ranges 19 and 20, all of township 44 in range 20 and part west of Battle river of township 44 in range 19, west fourth meridian. Secretary-treasurer, C. J. Hanson, Edberg, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

23-P-4—Organized 1904.—Townships 45 and 46 in range 19, portion north and east of Battle river of township 45 in range 20, all of township 46 in range 20; river lots 21, 22, 23 and 24 in township 46, range 21, and sections 13, 24, 25 and 36 in township 46, range 21, west fourth meridian. Secretary-treasurer, A. W. Fleming, Heather Brae, Alberta. Rate of assessment 1906, \$6.60 per quarter section.

24-P-4—Organized 1904.—Townships 47 and 48 in ranges 19 and 20, west fourth meridian. Secretary-treasurer, Neele Nelson, Lake-de-May, Alberta. Rate of assessment 1906, \$7.00 per quarter section.

25-P-4—Organized 1904.—Townships 49 and 50 in ranges 19 and 20, west fourth meridian. Secretary-treasurer, Wm. Thomson, Tofield, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

27-P-4—Organized 1905.—Townships 53 and 54 in ranges 19 and 20, west fourth meridian. Secretary-treasurer, Elmer Hallberg, Ross Creek, Alberta. Rate of assessment 1906, \$7.00 per quarter section.

28-P-4—Organized 1904.—Townships 55 and 56 in ranges 19 and 20, and part east of Saskatchewan river of township 55 in ranges 21 and 22 and township 56 in range 21, west fourth meridian. Secretary-treasurer, R. J. Torrie, Star, Alberta. Rate of assessment 1906, \$5.00 per quarter section.

20-R-4—Organized 1905.—Townships 39 and 40 in ranges 21 and 22, west fourth meridian. Secretary-treasurer, N. L. Manson, Alix, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

21-R-4—Organized 1904.—Townships 41 and 42 in ranges 21 and 22, west fourth meridian. Secretary-treasurer, N. A. Donaldson, Manfred, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

22-R-4—Organized 1904.—Townships 43 and 44 in ranges 21 and 22 and parts not in Indian reserve of township 44 in range 23, west fourth meridian. Secretary-treasurer, Jno. G. Wilcher, Lewisville, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

23-R-4—Organized 1904.—Parts south and west of Battle river of township 45 in ranges 19 and 20, and township 46, range 20, all of township 45 in range 21, and parts south and east of Battle river of township 45 in ranges 22 and 23 and township 46 in ranges 21 and 22, west fourth meridian. Secretary-treasurer, A. E. Trussler, Highland Park, Alberta. Rate of assessment 1906, \$6.00 per quarter section.

24-R-4—Organized 1904.—Townships 47 and 48 in ranges 21 and 22, part east of Coal Lake of townships 47 and 48 in range 23, all except river lots 21, 22, 23 and 24 and sections 13, 24, 25 and 36 of township 46 in range 21 and part north of Battle river of township 46 in range 22, west fourth meridian. Secretary-treasurer, E. Coleridge Roper, Bittern Lake, Alberta. Rate of assessment 1906, \$4.80 per quarter section.

25-R-4—Organized 1906.—Townships 49 and 50 in ranges 21 and 22, west fourth meridian. Secretary-treasurer, Jonas Smith, New Sarepta, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

26-R-4—Organized 1906.—Sections 1 to 30 of township 52 in range 21, township 51 in ranges 21 and 22, and sections 1 to 30 of townships 52 in range 22, west fourth meridian. Secretary-treasurer, Martin L. Miller, Strathcona, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

27-R-4—Organized 1904.—Sections 31 to 36 of township 52 in range 21, townships 53 and 54 in range 21, sections 31 to 36 of township 52 in range 22, all township 53 in range 22, east of Saskatchewan river of township 54 in range 22 and parts south and east of Saskatchewan river of townships 53 and 54 in range 23, and part south of Saskatchewan river of township 53 in range 24, west fourth meridian. Secretary-treasurer, R. Harrison, Agricola, Alberta. Rate of assessment 1906, \$5.00 per quarter section.

28-R-4—Organized 1904.—Parts north and west of Saskatchewan river of township 56 in range 21, all of township 56 in range 22, part west of Saskatchewan river of township 55 in range 22 and all of townships 55 and 56 in range 23, west fourth meridian. Secretary-treasurer, C. S. Godbout, Lamoureux, Alberta. Rate of assessment 1906, \$6.40 per quarter section.

6-S-4—Organized 1906.—Part north of Old Man's river of township 10 in range 24 and townships 11 and 12 in ranges 24 and 25, and townships 9 and 10 in range 25, west fourth meridian. Secretary-treasurer, Chas. Blunden, Leavings, Alberta. Rate of assessment 1906, \$3.00 per quarter section.

7-S-4—Organized 1906.—Townships 13 and 14 in ranges 24 and 25, west fourth meridian. Secretary-treasurer, C. W. Cook, Claresholm, Alberta. Rate of assessment 1906, \$3.00 per quarter section.

8-S-4—Organized 1906.—Townships 15 and 16 in ranges 23 and 24, west fourth meridian. Secretary-treasurer, David Baker, Stavely, Alberta. Rate of assessment 1906, \$2 00 per quarter section.

15-S-4—Organized 1906 —Townships 29 and 30 in ranges 23 and 24, west fourth meridian. Secretary-treasurer, Jno. Clarke, Carbon, Alberta. Rate of assessment 1906, \$5 00 per quarter section.

16-S-4 —Organized 1906—Townships 31 and 32 in ranges 23 and 24, west fourth meridian. Secretary-treasurer, Henry Evans, Three Hills, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

18-S-4—Organized 1906 —Townships 35 and 36 in ranges 23 and 24, west fourth meridian. Secretary-treasurer, Wm. M. Graham, Pine Lake, Alberta. Rate of assessment 1906, \$4 80 per quarter section.

19-S-4—Organized 1905.—All of township 37 in range 23, south and east of Red Deer river of township 38 in range 23, all of township 37 in range 24, part south of Red Deer river of township 37 in range 25 and township 38 in ranges 24 and 25 and portions south and west of Red Deer river of townships 37, 38 and 39 in range 22, west fourth meridian. Secretary-treasurer, W. J. H. Hampton, Coalbanks, Alberta. Rate of assessment 1906, \$4 00 per quarter section.

20-S-4—Organized 1904 —Portion north of Saskatchewan river of township 38 in ranges 23 and 24 and all of townships 39 and 40 in ranges 23 and 24, west fourth meridian. Secretary-treasurer, P. Russell, Fountainstown, Alberta. Rate of assessment 1906, \$6 80 per quarter section.

21-S-4—Organized 1904 —Townships 41 and 42 in ranges 23 and 24, west fourth meridian. Secretary-treasurer, W. W. Batson, Earlville, Alberta. Rate of assessment 1906, \$6.40 per quarter section.

22-S-4—Organized 1904.—Portions not included in Indian reserve of township 43 in ranges 23, 24 and 25 and township 44 in range 25, all of townships 43 and 44 in range 26, west fourth meridian. Secretary-treasurer, Dr. W. Pulleyblank, Ponoka, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

23-S-4—Organized 1904 —Parts west of Battle river of township 45 in range 22, township 45 in range 23, west of Battle river of township 46 in ranges 22 and 23, township 46 in ranges 24 and 25 and east half of township 45 in range 24, west fourth meridian. Secretary-treasurer, E. G. Rodell, Wetaskiwin, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

24-S-4—Organized 1904.—West of Coal Lake of townships 47 and 48 in range 23 and all of townships 47 and 48 in ranges 24 and 25, west fourth meridian. Secretary-treasurer, P. J. Mullen, Millet, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

25-S-4—Organized 1904 —Townships 49 and 50 in ranges 23, 24 and 25, west fourth meridian. Secretary-treasurer, O. P. Klein, Leduc, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

26-S-4—Organized 1904.—Townships 51 and 52 in range 23, township 51, range 24, part south and east of Saskatchewan river of townships 51 and 52 in range 25, and township 52 in range 24, west fourth meridian. Secretary-treasurer, Jas. Grove, Strathcona, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

27-S-4—Organized 1904.—North and west of Saskatchewan river of townships 53 and 54 in range 23, all of townships 53 and 54 in range 24, south and east of Sturgeon river of townships 53 and 54 in range 25, north and west of Saskatchewan river of township 52 in range 25, north and west of Sturgeon river of township 54 in range 25, west fourth meridian. Secretary-treasurer, M. Hogan, St. Albert, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

28-S-4—Organized 1904.—Townships 55 and 56 in ranges 24 and 25, west fourth meridian. Secretary-treasurer, C. McLaughlin, Namao, Alberta. Rate of assessment 1906, \$7.00 per quarter section.

29-S-4—Organized 1904 —Townships 57 and 58 in ranges 24 and 25, west fourth meridian. Secretary-treasurer, Ronald Morin, Legal, Alberta. Rate of assessment 1906, \$5.50 per quarter section.

4-T-4—Organized 1906.—West of river of township 7 in ranges 24 and 25, all townships 7 and 8 in range 26, west of Belly river of township 8 in ranges 24 and 25, west fourth meridian. Secretary-treasurer, W. A. Day, Macleod, Alberta. Rate of assessment 1906, \$2.00 per quarter section.

5-T-4—Organized 1906.—Part north of Old Man's river of township 9 in ranges 26 and 27 and all of township 10 in ranges 26 and 27, west fourth meridian. Secretary-treasurer, H. Mackintosh, Macleod, Alberta. Rate of assessment 1906, \$2.00 per quarter section.

6-T-4—Organized 1906.—Townships 11 and 12 in ranges 26 and 27, west fourth meridian. Secretary-treasurer, J. A. Lennox, Leavings, Alberta. Rate of assessment 1906, \$2.40 per quarter section.

7-T-4—Organized 1906.—Townships 13 and 14 in ranges 26 and 27, west fourth meridian. Secretary-treasurer, J. T. North, Stavely, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

8-T-4—Organized 1906.—Townships 15 and 16 in ranges 25 and 26, west fourth meridian. Secretary-treasurer, S. L. Hooper, Stavely, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

9-T-4—Organized 1906.—Townships 17 and 18 in ranges 25 and 26, west fourth meridian. Secretary-treasurer, A. C. McIntyre, Brant, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

10-T-4—Organized 1905.—Townships 19 and 20 in range 25, south of Bow river of townships 21 and 22 in range 25, all of townships 19 and 20 in range 26 and south of Bow river of township 21 in range 26, west fourth meridian. Secretary-treasurer, E. A. Daggett, Dinton, Alberta. Rate of assessment 1906, \$3.20 per quarter section.

15-T-4—Organized 1905.—Townships 29 and 30 in ranges 25 and 26, west fourth meridian. Secretary-treasurer, P. D. Gobert, Noelton, Alberta. Rate of assessment 1906, \$5.00 per quarter section.

16-T-4—Organized 1904.—Townships 31 and 32 in ranges 25 and 26, west fourth meridian. Secretary-treasurer, Jno McAlpine, Sunny Slope, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

17-T-4—Organized 1904.—Townships 33 and 34 in ranges 25 and 26, west fourth meridian. Secretary-treasurer, J. H. McArthur, Knee Hill Valley, Alberta. Rate of assessment 1906, \$7.00 per quarter section.

18-T-4—Organized 1904.—Townships 35 and 36 in ranges 25 and 26, west fourth meridian. Secretary-treasurer, G. F. Oakes, Milverton, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

19-T-4—Organized 1904.—Township 37 in range 26, south of Red Deer river of townships 38 and 39 in range 26, all of township 37 in range 27, east of Red Deer river of township 37 in range 28, part south and east of Red Deer river of township 38 in ranges 27 and 28 and township 39 in range 27, west fourth meridian. Secretary-treasurer W. P. Code, Red Deer, Alberta. Rate of assessment 1906, \$6.00 per quarter section.

20-T-4—Organized 1904.—Part north of Red Deer river of township 38 in ranges 25 and 26, all of townships 39 and 40 in range 25, north of Red Deer river of township 39 in range 26 and all of township 40 in range 26, west fourth meridian. Secretary-treasurer, E. Walter Simpson, Lacombe, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

21-T-4—Organized 1904.—Townships 41 and 42 in ranges 25 and 26, west fourth meridian. Secretary-treasurer, W. H. Johnstone, Morningside, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

23-T-4—Organized 1904.—Townships 45 and 46 in ranges 26, 27 and 28, west fourth meridian. Secretary-treasurer, Lewis P. Larson, Wetaskiwin, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

24-T-4—Organized 1904.—Townships 47 and 48 in ranges 26, 27 and 28, west fourth meridian. Secretary-treasurer, S. L. Price, Conjuring Creek, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

25-T-4—Organized 1904.—Township 49 in range 26, south of Saskatchewan river of township 50 in range 26, all of township 49 in ranges 27 and 28 and portions south of Saskatchewan river of township 50 in ranges 27 and 28, west fourth meridian. Secretary-treasurer, C. J. Blomquist, Calmar, Alberta. Rate of assessment 1906, \$6.00 per quarter section.

26-T-4—Organized 1904.—Portion north of Saskatchewan river of township 50 in range 26, portion west of Saskatchewan river of township 51 in range 25, all of townships 51 and 52 in range 26; portion north of Saskatchewan river of township 50 in ranges 27 and 28, and fractional townships 51 and 52 in ranges 27 and 28, west fourth meridian. Secretary-treasurer, Geo. Sutherland, Spruce Grove, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

27-T-4—Organized 1904.—Townships 53 and 54 in range 26, and portions not included in Indian reserve of townships 53 and 54 in range 27, west fourth meridian. Secretary-treasurer, Wm. Bristow, Spruce Grove, Alberta. Rate of assessment 1906, \$5.00 per quarter section.

28-T-4—Organized 1904.—Townships 55 and 56 in range 26 and portions not in Indian reserve of townships 55 and 56 in range 27, west fourth meridian. Secretary-treasurer, Jas. McGillis, Riviere-qui-Barre, Alberta. Rate of assessment 1906, \$5.00 per quarter section.

29-T-4—Organized 1905.—Townships 57 and 58 in ranges 26 and 27, west fourth meridian. Secretary-treasurer, Wm. A. Elliott, Box 542, Edmonton, Alberta. Rate of assessment 1906, \$6.00 per quarter section.

30-T-4—Organized 1906.—Townships 59 and 60 in ranges 25, 26 and 27, west fourth meridian. Secretary-treasurer, Wm. H. Murray, Edison, Alberta. Rate of assessment 1906, \$2.40 per quarter section.

8-W-4—Organized 1904.—Townships 15 and 16 in ranges 27, 28, 29 and 30, west fourth meridian. Secretary-treasurer, Jas. T. Cooper, Nanton, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

9-W-4—Organized 1904.—Townships 17 and 18 in ranges 27, 28, 29 and 30, west fourth meridian. Secretary-treasurer, Wm. Caspell, Cayley, Alberta. Rate of assessment 1906, \$2.40 per quarter section.

10-W-4—Organized 1904.—Townships 19 and 20 in range 27, south of Bow river of township 21 in range 27, and parts south and east of High river of townships 19, 20 and 21 in range 28, west fourth meridian. Secretary-treasurer, H. Hill Wilson, Gladys, Alberta. Rate of assessment 1906, \$3.20 per quarter section.

12-W-4—Organized 1905.—North of Bow river of township 21 in range 26, all townships 22 and 23 in range 26, south half of township 24 in ranges 26 and 27, north of Bow river of township 21 in range 27 and all of townships 22 and 23 in range 27, west fourth meridian. Secretary-treasurer, John Cole, Langdon, Alberta. Rate of assessment 1906, \$2.20 per quarter section.

13-W-4—Organized 1906.—North half of township 24 in ranges 28 and 29 and all townships 25 and 26 in ranges 28 and 29, west fourth meridian. Secretary-treasurer, John Redmond, Rocky View, Alberta. Rate of assessment 1906, \$3.60 per quarter section.

14-W-4—Organized 1906.—Townships 27 and 28 in ranges 27, 28 and 29, west fourth meridian. Secretary-treasurer, Thos. H. E. Magee, Crossfield, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

15-W-4—Organized 1904.—Townships 29 and 30 in ranges 27, 28 and 29, west fourth meridian. Secretary-treasurer, Chas. Carlin, Carstairs, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

16-W-4—Organized 1904.—Townships 31 and 32 in ranges 27, 28 and 29, west fourth meridian. Secretary-treasurer, Wm. L. Fischer, Olds, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

17-W-4—Organized 1904.—Townships 33 and 34 in ranges 27, 28 and 29, west fourth meridian. Secretary-treasurer, C. E. Kenny, Olds, Alberta. Rate of assessment 1906, \$7.00 per quarter section.

18-W-4—Organized 1904.—Townships 35 and 36 in range 27, portions east of Red Deer river of townships 35 and 36 in range 28, west fourth meridian, and townships 35 and 36 in range 1, west fifth meridian, and portions south of Red Deer river of townships 35 and 36 in range 2, west fifth meridian. Secretary-treasurer, Ed. J. Fream, Innisfail, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

20-W-4—Organized 1904.—Part west of Red Deer river of township 39 in range 27; all township 40 in ranges 27 and 28 and north and west of Red Deer river of township 39 in range 28, west fourth meridian. Secretary-treasurer, Percy B. Gregson, Blackfalds, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

21-W-4—Organized 1904.—Townships 41 and 42 in ranges 27 and 28, west fourth meridian. Secretary-treasurer, T. C. King, Iowalta, Alberta. Rate of assessment 1906, \$6.00 per quarter section.

22-W-4—Organized 1905.—Townships 43 and 44 in ranges 27 and 28, west fourth meridian. Secretary, E. R. Olmstead, Bismark, Alberta; and Treasurer, C. Hemeyer, Bismark, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

2-Z-4—Organized 1904.—Townships 3 and 4 in ranges 29 and 30, township 4 in range 28, west fourth meridian. Secretary-treasurer, E. H. Hillier, Twin Butte, Alberta. Rate of assessment 1906, \$4.00 per quarter section.

3-Z-4—Organized 1904.—Townships 5 and 6 in ranges 28, 29 and 50, west fourth meridian. Secretary-treasurer, A. E. Cox, Pincher Creek, Alberta. Rate of assessment 1906, \$2.50 per quarter section.

4-Z-4—Organized 1906.—Townships 7 and 8 in ranges 29 and 30, west fourth meridian. Secretary-treasurer, Chas. Smith, Summerview, Alberta. Rate of assessment 1906, \$5.00 per quarter section.

10-Z-4—Organized 1905.—Township 20 in range 1, west fifth meridian, portions west of Highwood river of township 20 in ranges 28 and 29; south and west of river of township 21 in range 28, portion south of Bow river of township 21 in range 29, and township 22 in ranges 28 and 29, west fourth meridian, and township 20 in ranges 2 and 3, west fifth meridian. Secretary-treasurer, E. A. Hayes, Okotoks, Alberta. Rate of assessment 1906, \$3.60 per quarter section.

12-Z-4—Organized 1905.—North of Bow river of township 21 in range 28, all townships 22 and 23 in range 28, portions east of Bow river of townships 22 and 23 in range 29, west fourth meridian, and township 23 in range 1, west fifth meridian; south half of township 24 in ranges 28 and 29, west fourth meridian; and portion east of Bow river of township 24 in range 1, west fifth meridian. Secretary-treasurer, Walter Moss, Shepard, Alberta. Rate of assessment 1906, \$2.40 per quarter section.

3-A-5—Organized 1904.—Townships 5 and 6 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, A. E. Cox, Pincher Creek, Alberta. Rate of assessment 1906, \$3.00 per quarter section.

4-A-5—Organized 1904.—Townships 7, 8 and 9 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, R. H. Burn, Gillingham, Alberta. Rate of assessment 1906, \$2.50 per quarter section.

9-A-5—Organized 1905.—Portion south of Highwood river of township 17 and 18 in range 1, west fifth meridian, all township 17 in ranges 2 and 3, west fifth meridian, and portions south of Highwood river of township 18 in ranges 2 and 3, west fifth meridian. Secretary-treasurer, F. R. Pike, Pekisko, Alberta. Rate of assessment 1906, \$2 00 per quarter section.

10-A-5—Organized 1905.—Portions north of Highwood river of township 18 in ranges 29 and 30, fractional township 19 in range 30, portions west of Highwood river of township 19 in ranges 28 and 29, west fourth meridian; portions north of Highwood river of township 18 in ranges 1, 2 and 3, and all township 19 in ranges 1, 2 and 3, west fifth meridian. Secretary-treasurer, Thos McKee, High River, Alberta. Rate of assessment 1906, \$3.20 per quarter section.

11-A-5—Organized 1904.—Townships 21 and 22 in ranges 1 and 2, west fifth meridian, and parts between Bow and Elbow rivers of township 23 in range 1, west fifth meridian, and west of Bow river of townships 22 and 23 in range 29, west fourth meridian. Secretary-treasurer, Wm Birney, Midnapore, Alberta. Rate of assessment 1906, \$2 80 per quarter section.

12-A-5—Organized 1904.—North and west of Elbow river of township 23 in range 1, west fifth meridian; south of Bow river of township 24 in range 1, west fifth meridian; south and west of Bow river of townships 24 and 25 in range 2, west fifth meridian; east half of township 24 in range 4, west fifth meridian; all township 24 in range 3, south and west of Bow river of township 25 in range 3, west fifth meridian. Secretary-treasurer, Chas. Jackson, Box 690, Calgary, Alberta. Rate of assessment 1906, \$2.80 per quarter section.

13-A-5—Organized 1905.—North half of township 24 in range 1; portions north and east of Bow river of townships 25 and 26 in ranges 1 and 2, and township 24 in range 2, west fifth meridian. Secretary-treasurer, Wm. Hodgkinson, Calgary, Alberta. Rate of assessment 1906, \$2.00 per quarter section.

14-A-5—Organized 1904.—Townships 27 and 28 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, R. L. Boyle, Crossfield, Alberta. Rate of assessment 1906, \$5 50 per quarter section.

15-A-5—Organized 1904.—Townships 29 and 30 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, W. M. Johnstone, Carstairs, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

16-A-5—Organized 1904.—Townships 31 and 32 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, A. M. McNaughton, Didsbury, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

17-A-5—Organized 1904.—Townships 33 and 34 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, Colin Thompson, Red Lodge, Alberta. Rate of assessment 1906, \$6.00 per quarter section.

18-A-5—Organized 1904.—Part west of Red Deer river of township 36 in range 28, west fourth meridian; part north of Red Deer river of townships 36 in ranges 1 and 2, and township 35 in ranges 2 and 3, west fifth meridian, all townships 35 and 36 in range 4, and all of township 36 in range 3, west fifth meridian. Secretary-treasurer, E. D. Brown, Innisfail, Alberta. Rate of assessment 1906, \$4 80 per quarter section.

19-A-5—Organized 1904.—Part west of Red Deer river of township 37 in range 28, and township 38 in ranges 27 and 28, west fourth meridian, all of townships 37 and 38 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, L. Martin, Red Deer, Alberta. Rate of assessment 1906, \$6 00 per quarter section.

20-A-5—Organized 1904.—Townships 39 and 40 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, J. C. Carritt, Blackfalds, Alberta. Rate of assessment 1906, \$5 00 per quarter section.

21-A-5—Organized 1904.—Townships 41 and 42 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, C. H. Whitworth, Bentley, Alberta. Rate of assessment 1906, \$4 00 per quarter section.

22-A-5—Organized 1905.—Townships 43 and 44 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, Geo Sweet, Springdale, Alberta. Rate of assessment 1906, \$5 60 per quarter section.

23-A-5—Organized 1906.—Townships 45 and 46 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, A. C. Bunney, Chesterwold, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

25-A-5—Organized 1906.—Townships 49 and 50 in ranges 1 and 2 and portion south of river of township 51 in range 1, west fifth meridian. Secretary-treasurer, W. J. Dent, Telfordville, Alberta. Rate of assessment 1906, \$5.00 per quarter section.

26-A-5—Organized 1904.—Townships 50, 51 and 52 in ranges 1 and 2, west fifth meridian. Secretary-treasurer, Chas Mills, Inga, Alberta. Rate of assessment 1906, \$6 40 per quarter section.

27-A-5—Organized 1905.—Townships 53 and 54 in range 28, west fourth meridian; and townships 53 and 54 in ranges 1 and 2, west fifth meridian. Secretary-

treasurer, Ed. Steffler, Spruce Grove, Alberta. Rate of assessment 1906, \$5.50 per quarter section.

11-B-5—Organized 1904.—Townships 21 and 22 in ranges 3 and 4, west fifth meridian. Secretary-treasurer, W. H. King, Millarville, Alberta. Rate of assessment 1906, \$3 20 per quarter section.

15-B-5—Organized 1905.—Townships 29 and 30 in ranges 3 and 4, west fifth meridian. Secretary-treasurer, G. B. Hunter, Dog Pound, Alberta. Rate of assessment 1906, \$5 00 per quarter section.

16-B-5—Organized 1904.—Townships 31 and 32 in ranges 3 and 4, west fifth meridian. Secretary-treasurer, Walter B. Smith, Didsbury, Alberta. Rate of assessment 1906, \$8 00 per quarter section.

17-B-5—Organized 1905.—Townships 33 and 34 in range 3, south of Red Deer river of township 35 in range 3, east half of township 33 in range 4, south and east of river of the east half of township 34 in range 4, west half of township 33 in range 4, south and east of river of the west half of township 34 in range 4, and east of river of township 33 in range 5, west fifth meridian. Secretary-treasurer, Wm. Houston, Eagle Hill, Alberta. Rate of assessment 1906, \$6 00 per quarter section.

19-B-5—Organized 1904.—Townships 37 and 38 in ranges 3 and 4, west fifth meridian. Secretary-treasurer, J. M. Craig, Markerville, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

20-B-5—Organized 1904.—Townships 39 and 40 in ranges 3 and 4, west fifth meridian. Secretary-treasurer, E. N. French, Evarts, Alberta. Rate of assessment 1906, \$6 00 per quarter section.

21-B-5—Organized 1906.—Townships 41 and 42 in ranges 3 and 4, west fifth meridian. Secretary-treasurer, Ernest F. Dahl, Rimbey, Alberta. Rate of assessment 1906, \$4 50 per quarter section.

26-B-5—Organized 1906.—Portions north of Saskatchewan river of township 50 in ranges 3 and 4; township 51 in range 3; all township 52 in ranges 3 and 4; and all of township 51 in range 4, west fifth meridian. Secretary-treasurer, M. L. Hoffman, Mewassin, Alberta. Rate of assessment 1906, \$8.00 per quarter section.

27-B-5—Organized 1904.—Townships 53 and 54 in ranges 3 and 4, west fifth meridian. Secretary-treasurer, C. H. Dunn, Wabamun, Alberta. Rate of assessment 1906, \$5.20 per quarter section.

13-C-5—Organized 1905.—Portion north of Bow river of township 26 in range 5; all township 27 in ranges 5 and 6, and portion north of Bow river of township 26 in range 6, west fifth meridian. Secretary-treasurer, H. Payn Le Sueur, Cochrane, Alberta. Rate of assessment 1906, \$2.00 per quarter section.

VILLAGES.

Owing to the building of new lines of railway and the increase of settlement, business centres have been springing up very rapidly and many applications for the establishment of villages were received; thirteen villages being established during the year.

In connection with the organization of villages, I may point out that there appears to be a great tendency to ask for establishment so early, that in order to have the number of dwellings required by the Ordinance, it is necessary to take in almost all of the maximum area of twelve hundred and eighty acres. The taking in of such a large area frequently burdens the villages with care of what are practically country roads, and as there is nothing to be gained by including farm lands within established villages, it would appear to be in order that some change should be made in the Ordinance reducing the maximum area.

The following is a list of the villages established during the year:

NAME OF VILLAGE	DATE ESTABLISHED
Bawlf	Oct. 12, 1906
Cowley	Aug. 16, 1906
Daysland	April 23, 1906
Evarts	June 9, 1906
Hardisty	Nov. 27, 1906
Killam	Dec. 29, 1906
Lloydminster	July 6, 1906
Lavoy	Aug. 22, 1906
Ohaton	Sept. 19, 1906
Stettler	June 30, 1906
Vermilion	Feb. 17, 1906
Vegreville	April 4, 1906
Mannville	Dec. 29, 1906

The villages in existence at the end of the year 1906 are as follows:

NAME OF VILLAGE	DATE ESTABLISHED
Athabasca Landing	May 18, 1905
Blackfalds	June 17, 1904
Blairmore	Sept. 3, 1901
Bowden	June 17, 1904
Bawlf	Oct. 12, 1906
Carstairs	May 15, 1903
Cayley	Aug. 5, 1904
Cochrane	June 17, 1903
Coleman	Jan. 11, 1904
Cowley	Aug. 16, 1906
Daysland	April 23, 1906
Evarts	June 9, 1906
Frank	Sept. 3, 1901
Gleichen	Jan. 24, 1899
Hardisty	Nov. 27, 1906
Irvine	Sept. 17, 1903
Killam	Dec. 29, 1906
Lavoy	Aug. 22, 1906
Lille	Feb. 22, 1904
Leavings	July 12, 1904
Lloydminster	July 6, 1906
Magrath	Aug. 20, 1901
Millet	June 17, 1903
Morinville	Aug. 24, 1901
Mountain View	May 7, 1902
Mannville	Dec. 29, 1906
Nanton	June 22, 1903
Ohaton	Sept. 19, 1906
Penhold	May 4, 1904
Riverside	July 6, 1903
Rouleauville	Nov. 2, 1899
Rosenroll	Nov. 21, 1904
Stafford	Oct. 22, 1900
Stavelly	Oct. 16, 1903
Stirling	Sept. 3, 1901
Tabor	March 15, 1905

During the year 1906 the following villages were proclaimed towns:

	DATE VILLAGE ESTABLISHED	DATE PROCLAIMED TOWN
Camrose	May 5, 1905	Dec. 11, 1906
Didsbury	April 4, 1906	Oct. 12, 1906
High River	Dec. 5, 1901	Feb. 15, 1906
Leduc	Dec. 19, 1899	Dec. 11, 1906
Pincher Creek	Aug. 18, 1898	May 9, 1906
Stettler	June 30, 1906	Nov. 23, 1906
Vermilion	Feb. 17, 1906	Aug. 27, 1906
Vegreville	April 4, 1906	Aug. 15, 1906

COLLECTION OF ARREARS OF SCHOOL TAXES.

In the past year we collected and forwarded to the different rural school districts in the province the sum of \$4,456.74 for arrears of school taxes.

This collection of arrears of school taxes is carried on for the purpose of assisting rural school districts; but the work has not been as successful as it might have been on account of the fact that many of the school district treasurers are very careless about forwarding returns of unpaid taxes and of advising us of payments of arrears of taxes received after they do send in such returns. Unless we receive the returns of unpaid taxes and prompt advice as to any payments of arrears afterwards accepted by the treasurers of the districts we cannot of course attend to this business in a proper manner, and as a result ratepayers of many of the districts as well as the department are frequently put to a great deal of unnecessary inconvenience.

In view of this state of affairs it would appear advisable that some amendment be made to The School Assessment Ordinance whereby the department would be given the necessary authority to enforce prompt and accurate returns from the treasurers of the districts.

FORFEITURE OF LANDS FOR NONPAYMENT OF TAXES.

In the records transferred to this department from the Department of Public Works of the North-West Territories, there were several different returns of unpaid taxes from assessments levied both in large and small local improvement districts under the Ordinance in force prior to the year 1904, as well as returns of unpaid taxes from assessments levied, subsequent to the year 1904, and it was deemed advisable to consolidate these returns and issue special tax notices in regard to such taxes before taking action for forfeiture of the lands which were two years in arrears. Owing to the time required for consolidation of these returns and the sending out of tax notices, it was not found practical to take any action during the year 1906 towards forfeiting lands for nonpayment of taxes, but I would recommend that action be taken in regard to this matter during the year 1906 towards forfeiting lands for nonpayment of taxes, but I would recommend that action be taken in regard to this matter during the year 1907.

The following is a list of the lands which are under forfeiture at present:

FORFEITED LANDS.

List showing lands in respect of which returns of arrears of taxes have been confirmed, and which have not been redeemed.

LANDS	DATE OF APPROVAL OF RETURN BY JUDGE	DATE OF FINAL ORDER OF FORFEITURE.
N.W. section 24-12-5w4	Nov. 7, 1901	
N.W. section 34-52-18w4	Jan. 14, 1905	
N.W. section 32-56-19w4	Jan. 14, 1905	
Part north of Belly river of S.E. section 28-10-20w4	Dec. 12, 1904	
N.E. section 18-9-21w4	Oct. 16, 1902	
N.E. section 36-55-21w4	Jan. 14, 1905	
S.W. section 20-55-21w4	Jan. 14, 1905	
S.W. section 34-19-22w4	Oct. 15, 1902	
N.W. section 26-7-22w4	Oct. 16, 1902	
N.W. section 26-6-22w4	Dec. 12, 1904	
S.E. section 26-6-22w4	Dec. 12, 1904	
S.W. section 26-6-22w4	Dec. 12, 1904	
Por. N. of St. Mary's river of S.W. section 25-7-22w4	Dec. 12, 1904	
W $\frac{1}{2}$ of W $\frac{1}{2}$ section 10-8-22w4	Dec. 12, 1904	
W $\frac{1}{2}$ of N.W. section 18-41-22w4	Nov. 22, 1904	
E $\frac{1}{2}$ of S.E. section 16-47-23w4	Oct. 24, 1901	Dec. 18, 1903
All section 25-1-23w4	Dec. 12, 1904	
N.E. section 24-1-23w4	Dec. 12, 1904	
N.W. section 24-1-23w4	Dec. 12, 1904	
S.W. section 24-1-23w4	Dec. 12, 1904	
E $\frac{1}{2}$ of N.W. section 8-55-23w4	Jan. 14, 1905	
N.W. section 28-21-25w4	Oct. 29, 1901	
W $\frac{1}{2}$ section 14-10-25w4	Oct. 16, 1902	
N.W. section 32-55-24w4	Jan. 14, 1905	
S.E. section 4-56-24w4	Jan. 14, 1905	
N $\frac{1}{2}$ of S.E. section 34-45-24w4	Jan. 14, 1905	
E $\frac{1}{2}$ of S.W. section 4-56-24w4	Jan. 14, 1905	
N.W. section 32-50-24w4	Jan. 14, 1905	
N.W. section 27-41-24w4	Nov. 22, 1904	
N.E. section 32-9-25w4	Dec. 12, 1904	
E $\frac{1}{2}$ of S.E. section 32-9-25w4	Dec. 12, 1904	
S $\frac{1}{2}$ of N.W. section 16-9-25w4	Dec. 12, 1904	
N.W. section 6-10-25w4	Dec. 12, 1904	
N. $\frac{1}{2}$ of N.E. section 6-10-25w4	Dec. 12, 1904	
Portion west of Old Man's river of S.E. section 4-10-25w4	Dec. 12, 1904	
N.W. section 30-55-25w4	Jan. 14, 1905	
N.W. section 18-49-25w4	Jan. 14, 1905	
S.W. section 26-9-26w4	Oct. 16, 1902	
S.E. section 26-9-26w4	Oct. 16, 1902	
S.E. section 20-8-26w4	Dec. 12, 1904	
S.W. section 6-8-26w4	Dec. 12, 1904	
S.W. section 9-9-26w4	Dec. 12, 1904	
N.W. section 6-9-26w4	Dec. 12, 1904	
S.W. section 5-9-26w4	Dec. 12, 1904	
S.W. section 1-9-26w4	Dec. 12, 1904	
N.W. section 24-1-26w4	Dec. 12, 1904	
S.E. section 30-5-27w4	Dec. 12, 1904	
N.E. section 1-9-27w4	Dec. 12, 1904	
S.E. section 1-9-27w4	Dec. 12, 1904	
S.W. section 1-9-27w4	Dec. 12, 1904	
S.E. section 26-2-27w4	Dec. 12, 1904	
S.W. section 26-2-27w4	Dec. 12, 1904	
S.E. section 2-3-27w4	Dec. 12, 1904	
Pt. south of Pincher Creek of E $\frac{1}{2}$ of section 2-27-29w4	Dec. 12, 1904	
N.E. section 8-19-29w4	Nov. 22, 1904	
N.W. section 8-19-29w4	Nov. 22, 1904	

LANDS	DATE OF APPROVAL OF RETURN BY JUDGE	DATE OF FINAL ORDER OF FORFEITURE
S.E. section 8-19-29w4	Nov. 22, 1904	
S.W. section 8-19-29w4	Nov. 22, 1904	
N.W. section 15-19-29w4	Nov. 22, 1904	
N.E. section 16-19-29w4	Nov. 22, 1904	
N.W. section 16-9-29w4	Nov. 22, 1904	
N.W. section 22-19-29w4	Nov. 22, 1904	
S.W. section 22-19-29w4	Nov. 22, 1904	
S.E. section 12-7-30w4	Dec. 12, 1904	
Lot 14, blk. 3 in S.E. section 22-24-1w5	Oct. 15, 1902	
Lots 1 and 2 blk. 3, Lots 11 and 12, blk. 4 in S.E. section 22-24-1w5	Oct. 15, 1902	
Lots 4 and 5, Blk. 4 in S. E. section 22-24-1w5	Oct. 15, 1902	
Lots 5 and 6, Blk. 3 in S. E. section 22-24-1w5	Oct. 15, 1902	
Lot 13, Blk. 4 in S.E. section 22-24-1w5	Oct. 15, 1902	
Lot 14, Blk. 4 in S.E. section 22-24-1w5	Oct. 15, 1902	
Lot 3, Blk. 5 in S.E. section 22-24-1w5	Oct. 15, 1902	
Lot 6, Blk. 2 in S.E. section 22-24-1w5	Oct. 12, 1902	
Lots 7 and 9, Blk. 2 in S.E. section 22-24-1w5	Oct. 15, 1902	
Lot 26, Blk. 2 in S.E. section 22-24-1w5	Oct. 15, 1902	
Lot 3, Blk. 29 in section 10-24-1w5	Oct. 15, 1902	
Lot 4, Blk. 29 in section 10-24-1w5	Oct. 15, 1902	
Lot 7, Blk. 29 in section 10-24-1w5	Oct. 15, 1902	
N.E. section 12-33-1w5	Nov. 22, 1904	
S.W. section 2-22-3w5	Oct. 28, 1901	Dec. 18, 1902
S.E. section 2-22-3w5	Oct. 28, 1901	Dec. 18, 1902
S.E. section 26-19-3w5	Oct. 29, 1901	Dec. 18, 1902
S.W. section 12-21-3w5	Oct. 15, 1902	
S.W. section 24-25-3w5	Oct. 15, 1902	
S.E. section 36-22-3w5	Nov. 22, 1904	
S.W. section 30-56-25w4	Nov. 20, 1902	

In conclusion I might call your attention to the fact that the work of this branch has changed to a considerable extent during the last year or two. Primarily this work consisted largely of the administration of the Ordinance relating to large local improvement districts, and dealt particularly with the assessment and collection of taxes in such districts. With the increased organization of small local improvement districts, however, the administration of that part of The Local Improvement Ordinance relating to small local improvement districts has become a very important part of our work. This phase of the work deals more particularly with the problem of securing by inspection or otherwise the administration of affairs in small local improvement districts in a practical and business-like way, so that each district may receive the best possible result for the revenues they collect and expend. As one evidence of the importance of this work, I might say that during the past year the total income of the small local improvement districts of the province was somewhere in the neighborhood of \$300,000, and an amount such as this, properly administered, should accomplish a good deal in the way of local improvements.

Your obedient servant,

JNO. PERRIE,

Clerk in Charge Local Improvement Branch.

THE COAL MINES ACT.

Inside staff
Outside staff

.1 clerk and stenographer.
2 inspectors.

During the year 1906 the coal mining industry in Alberta has made rapid strides. A glance at the following tables will give some idea of the progress made:

	OUTPUT IN TONS FOR NORTH-WEST TERRITORIES, ALBERTA & SASKATCHEWAN	OUTPUT IN TONS, ALBERTA
1901	346,649	
1902	510,674	
1903	622,939	
1904	782,931	
1905		811,228
1906		1,385,000

It will be seen from the above that there has been an increase of 70.73% over the 1905 output.

Classification of output of Coal in Alberta during the year 1906.

Lignite coal	602,780 tons.
Bituminous coal	546,623 tons.
Anthracite coal	235,597 tons.
Coal used in coke production..	103,936 tons
Coke produced	69,844 tons

SCHEDULE of Accidents in Coal Mines During 1906.

LOCATION	RESULTING FATALLY	SERIOUS INJURY	SLIGHT INJURY	TOTAL OF ACCIDENTS
Lundbreck		1	5	6
Canmore	2	2	4	8
Lille	*1			1
Blairmore		2	6	8
Coleman	1 (outside)	1	2	4
Taber	2	2		4
Frank	1		3	4
Lethbridge		2		2
Bankhead	3			3
Edmonton		1		1
	10 (Outside and inside)	11	20	41

*Injured November 6th, 1905; died January 18th, 1906.

MINES opened in 1906.

NAME	No	LOCATION	OPERATED BY	CHARACTER OF COAL
Parkdale	109	Edmonton	Parkdale Coal Co.	Lignite.
	110	Namao	Chas. Carnegie	"
Thistle	111	Woodpecker	Patterson & Irvine	"
Franklin	112	Three Hills	T. D. Thomas	"
	113	Three Hills	Nichols & Bothamley ..	"
Hopeful.	114	Taber	J. Howells & Co	"
Stopp.	115	Carbon	A. C. Stopp	"
	116	Three Hills	Louis Haskarl	"
	117	" "	C. F. Bothamley	"
	118	Medicine Hat	J. Evans.	"
	119	High River	C. G. McIntosh	"
Parton.	120	Nanton.	B. Parton.	"
	121	Carbon	Carbon Brick & Coal Co., Calgary.	"
Lambton	124	Woodpecker.	J. Marsh	"
	125	Edmonton	Frank B. Smith.	"
Leach.	126	Burmis	Leach Colheries	Bituminous

MINES now in operation in Alberta.

NAME	No	LOCATION	OPERATED BY	CHARACTER OF COAL
	2	Canmore.	H. W. McNeill Co.	Bituminous
	3	Lethbridge	Alta. Ry. & Irrig'n Co	Lignite.
Daly.	8	Clover Bar	Wm. Daly	"
	9	Edmonton	Edmonton Coal Co	"
Sturgeon	16	Namao	C. G. Carnegie	"
Baldwin	18	Edmonton	Ramsey & George	"
Big Island	24	Strathcona	Wetaskiwin Coal Co.	"
	28	Namao	Dawkins & Speers.	"
White Star	29	Strathcona	McKenzie & Blain	"
Black Diamond	30	Lincham.	Cooper & McPherson	"
Morinville	32	Morinville	Morinville Coal Co	"
Crockford	37	Medicine Hat	Crockford Bros	"
	39	Taber	Reliance Coal Mining Co.	"
Hillcrest.	40	Frank	Hillcrest Coal & Coke Co	Bituminous.
Humberstone	43	Edmonton	Wm. Humberstone	Lignite.
Bush	46	Edmonton	M. E. Ransom	"
Walter.	47	Strathcona	Strathcona Coal Co	"
Gebo	48	Frank	Can.-Amer. Coal & Coke Co	Bituminous
	49	Edmonton	City Coal Co	Lignite.
	53	Carbon	Knee Hill Coal Co.	"
Pioneer	54	Lethbridge.	Jas. Ashcroft.	"
Galbraith	59	Cowley	R. J. Galbraith	"
	61	Medicine Hat.	Fred. Scott.	"
Lille	64	Lille	West Canadian Coll's	Bituminous
Blue Ribbon.	69	Clover Bar.	Keith & Fulton	Lignite.
Crowfoot	72	Gleichen.	Blackfoot Indians.	"
Milner	74	Edmonton	Milner Coal Co	"
Banner.	75	Namao	Watson Bros.	"
	76	Cowley	Alta. Coal & Coke Co.	"
	77	Lundbreck	Breckenridge & Lund Coal Co	"
Bankhead	80	Bankhead.	Pacific Coal Co..	Anthracite.
Little Plume.	83	Taber	Consolidated Coal Mining Co	Lignite.

MINES now in Operation in Alberta—*Continued.*

NAME	No	LOCATION	OPERATED BY	CHARACTER OF COAL
Bellevue	87	Bellevue.	West Canadian Collieries, Ltd	Bituminous
Dennison.	88	Coleman.	International Coal & Coke Co	"
	89	Edmonton	Western Coal Co	Lignite
Black Rock	90	Clover Bar.	Byers Bros.	"
Ottewell	91	Clover Bar.	Philip Ottewell	"
Barnes.	92	Lethbridge.	Jno. W. McKean.	"
Byers	98	Clover Bar.	Byers Bros.	"
Black Diamond	99	Strathcona.	Fraser & Freeman	"
Bell.	101	Namoo	Lindsay Bros	"
	103	Carstairs.	S. Downie & Sons	"
Diamond.	104	Lethbridge	Diamond Coal Co., Ltd	"
Taber.	105	Taber	Canada West Coal & Coke Co	"
McPhee	106	Taber	Domestic Coal Co	"
Parkdale	109	Edmonton	Parkdale Coal Co.	"
110.	110	Namoo	Chas Carnegie.	"
Thistle.	111	Woodpecker	Patterson & Irvine	"
Franklin	112	Three Hills	T. D. Thomas	"
	113	Three Hills	Nicols & Bothamley	"
Hopeful.	114	Taber	J. Howells & Co.	"
Stopp	115	Carbon	A. C. Stopp	"
	116	Three Hills	Louis Hascarl	"
	117	" "	C. F. Bothamley	"
	118	Medicine Hat.	J. Evans	"
	119	High River	C. G. McIntosh	"
Parton	120	Nanton	B. Parton	"
	121	Carbon	Carbon Bruck & Coal Co., Calgary	"
Lambton	124	Woodpecker	J. Marsh.	"
	125	Edmonton	Frank B. Smith	"
Leach.	126	Burmis	Leach Collieries	Bituminous.

MINES Abandoned During 1906.

1. Mine owned and operated by Jno. Cameron, Edmonton Abandoned in June.
2. Mine operated by the Canadian Metal Company, Frank

CERTIFICATES issued to Candidates who successfully passed the examination in 1906.

NAME	ADDRESS	CLASS
Geo. Laurie Fraser	Coleman	Manager.
Cory Weatherby.	Coleman	Manager.
Geo. Howe Dickson	Coleman	Manager.
Robert Hamilton	Lundbreck	Manager.
Robert Harvie .	Lethbridge	Pit Boss.
John Anderson	Bellevue	"
Donald McKay	Bankhead	"
James Bowie .	Frank	"
A. M. Hutchinson	Coleman	"
Edwin Sparrow	Frank	"
John Morris	Lundbreck	"
James Hannen	Canmore	Fire Boss.
Chas. Catchpole	Canmore	"
Ralph Smith . .	Canmore	"

CERTIFICATES issued to candidates, etc.—*Continued.*

NAME	ADDRESS	CLASS
Jos. Cooke	Bankhead	Fire Boss.
Thos. Tonge	Lundbreck	"
Jos. Barber	Frank	"
Jas. Fraser	Coleman	"
Wm. Welsh	Lundbreck	"
Jno. C Clark	Bellevue	"
Horatio Nelson	Lundbreck	"
Jno. S Wright	Canmore	"
Jas Holden	Bankhead	"
Rufus Bansemer	Bankhead	"
Thos. H Nanson	Canmore	"
Thos Thompson	Lundbreck	"
Robt D Alderson	Coleman	"
Stephen Dixon	Lille	"
Herman Teppo	Bellevue	"
Wm Eccleston	Lundbreck	"

CERTIFICATES granted under The Coal Mines Act previous to 1906.

NAME	ADDRESS	CLASS
Alexander McGregor	Frank	Pit Boss
Awrey Rice	Frank	"
Wm Geo. Wilson	Coleman	"
Thomas Samuel Rawson	Frank	Fire Boss
Edwin Sparrow	Frank	"
Wm Geo Wilson	Frank	"
Cornelius Johnson Ferguson	Canmore	"
John Watters	Bankhead	"
James Morgan Salmond	Bankhead	"
Norman Fraser	Roche Percee	Mine Manager
John Robertson	Frank	"
E. S. F. Huntrods	Frank	"
Wm Francis Little	Canmore	"
Thomas Reid	Northfield	"

CERTIFICATES granted under The Coal Mines Regulations Ordinance
of the North-West Territories.

NAME	ADDRESS	CLASS
Charles Emerson	Frank	Manager.
Joseph Emerson	Canmore	"
Wm. Geo Flint	Canmore	"
Samuel A Jones	Frank	"
Raoul Green	Frank	"
Samuel McVicar	Frank	"
Thos. Wm. Bastian	Bankhead	Pit Boss.
David Thomas	(Deceased)	"
Jno K Miller	Michel, B C	"
David Davies	Coleman	"
John Kerr	Taber	"
Alexander McGregor	Frank	Fire Boss.
James F Webb	Canmore	"
Alexander McCullogh	Frank	"

CERTIFICATES GRANTED, ETC.—*Continued.*

NAME	ADDRESS	CLASS
Jno. Angus McDonald	Frank	Fire Boss.
James Churchill	Frank	"
Leonard Cawthome	Frank	"
Erskine Jones	Frank	"
Awrey Rice	Frank	"
Thos. Davies	Frank	"
Lewis Stockett	Bankhead	Manager.
Andrew Colville	Fernie, B. C.	"
Alexander Sharpe	Rossland, B. C.	"
Geo. Wilkinson	Nanaimo, B. C.	"
Jno. W. Powell	Coleman	"
Geo. B. Bradshaw	Nanaimo, B. C.	"
Donald McLean	Ladysmith, B. C.	"
Timothy Royer Morton	Michel, B. C.	"
Ralph Lowrie	Frank	Pit Boss
Dan Evans	Michel, B. C.	Manager.
W. D. L. Hardie	Lethbridge	"
James J. Morris	Canmore	"
Wm. Hamilton...	Taber	"
Jno. Little	Coalfields	"
O. E. S. Whiteside	Blairmore	"
Frank B. Smith	Edmonton	"
Edwin P. White	Crow's Nest Pass, B. C.	"
James Hargreaves	Fernie, B. C.	"
Thos. R. Stockett, Jr.	Nanaimo, B. C.	"
Robinson Pearson	Fernie, B. C.	"
Cyrus Morris	Frank	"
John Brown Wyllie	(Deceased)	"
Archibald Waite	Taber	"
Robert Livingstone	Lethbridge	"
Jas. McEvoy	Fernie, B. C.	"
John Brown	Banff	"
William Addie	Lundbreck	"
Daniel Elliott	Blairmore	"
Chas. Smister	Morrissey, B. C.	"
David Wilson	Bankhead	"
Elijah Heathcote	Morrissey, B. C.	"
W. F. Collins	Blairmore	"
Jno. Leith Parker	Alaska	"
Chas. Michael Henretta	Byseville, O., U. S. A.	"
Alexander Kerr	Tonkin, B. C.	"
Arthur Rupert Wilson	Michel, B. C.	"
Robert Geo. Drinnan	Fernie, B. C.	"
James Finlayson	Fernie, B. C.	"
Robert Strachan	Fernie, B. C.	"
Wm. Henry Wall	Nanaimo, B. C.	"
Edward Everett Reynolds	Coleman	"
Francis Henry Sheppard	Nanaimo, B. C.	"
William Price Williams	Blairmore	"
Caleb Cox Symons	Coalfields	"
Richard Nash Pearson	Frank	"
Jas. Ambrose Richards	Nanaimo, B. C.	"
Herbert Bertrand Wright	Fernie, B. C.	"
Henry Lewis Manley	Fernie, B. C.	"
David Richard Lewellyn	Michel, B. C.	"
John Bastian	Banff	"
John John	Fernie, B. C.	"
Thos. Russell	Victoria	"
Geo. Herbert Broome	New Zealand	"
Luke Rausbeck	Taber	"
Gus Ostheidt	Bankhead	Pit Boss.
John Musgrove	Carstairs	"
Chas. Emmerson	Frank	"
Alfred Davis	Lethbridge	"
Jno. Calderhead	Swinstone, Ohio	"

CERTIFICATES GRANTED, ETC.—*Continued.*

NAME	ADDRESS	CLASS
Robert Livingstone	Lethbridge	Pit Boss.
Hugh Scott	Lethbridge	"
Thos. Henry Williams	Canmore	"
Archibald Waite	Taber	"
Thomas Steele	Coleman	"
Thomas Corkhill	Michel, B.C.	"
Hugh R. Griffin	Coalfields	"
W. G. Pearson	Frank	"
W. G. Flint	Canmore	"
Raoul Green	Frank	"
Samuel A. Jones	Frank	"
Robert Geo. Duggan	Frank	"
Chas. Phillips	Frank	"
Jno. Bastian	Bankhead	"
Joseph Adelard Segun	Estevan	"
Samuel McVicar	Frank	"
Jno. Wm. McKean	Lethbridge	"
Geo. L. Fraser	Coleman	"
Oliver Hall	Bellevue	"
Watkin Ed. Watkins	Canmore	Fire Boss.
Jno. Wilson	Canmore	"
Jno. W. Watkins	Canmore	"
William Cowan	Bankhead	"
Jno. James McKay	Lethbridge	"
Robert Scott	Lethbridge	"
Robert Livingstone	Lethbridge	"
Hugh Scott	Lethbridge	"
Wm. Musgrove	Lethbridge	"
Wm. Taylor	Lethbridge	"
Archibald Waite.	Taber	"
Evan Jones	Coalfields	"
Jno. Anderson	Frank	"
Chas. Phillips	Frank	"
Geo. Holmes	Fernie, B.C.	"
Wm. Jno. Davis	(Deceased)	Fire Boss.
Samuel A. Jones	Frank	"
James C. Livingstone	Lethbridge	"
Hugh R. Giffen	Coalfields	"
Andrew Hood	Frank	"
Samuel H. Turner	Frank	"
Joseph Sedlock	Canmore	"
John Hadfield	Canmore	"
Thomas Downs	Canmore	"
Joseph James	Frank	"
Harry Gates	Coleman	"
Robert Geo. Duggan	Frank	"
Chas. Chestnut	Frank	"
Thomas Harrison	Bankhead	"
Thos. Wm. Bastian.	Bankhead	"
David Thomas	(Deceased)	"
Robert Smith	Canmore	"
Evan Henry Griffiths	Canmore	"
Matt Mattson	Frank	"
Hugh Smith	Canmore	"
Hugh G. McKinnon	Canmore	"
Thos. Haines	Coleman	"
John Stott	Lethbridge	"
Henry Fairhurst	Lethbridge	"
Robert Harvie	Lethbridge	"

EDMONTON, January 30th, 1907.

JOHN STOCKS, ESQ.,
Deputy Minister of Public Works,
 Edmonton, Alberta.

SIR,—I have the honour, herewith, as Provincial Inspector of Mines, to submit my annual report for the year ending December 31st, 1906. There has been a large increase in the output over the previous year, but still the output from the various mines does not seem to meet the requirements of the ever-increasing population of the province. Probably with the coming of railways there will be an increase in the output from the various small mines.

Summary of Statistics.

Number of new mines opened in 1906	16
Number of mines known to be in operation at present	61
Number of mines abandoned during 1906 . . .	2
Number of tons of coal produced (approximate)	1,385,000
Number of tons of coke produced.	69,844
Average number of persons employed inside the mines	2,000
Average number of persons employed outside the mines	800
Number of fatal accidents inside the mines . . .	9
Number of fatal accidents outside the mines. .	1
Number of non-fatal accidents inside the mines	31

The points at which coal is produced can be grouped into districts. I will treat briefly of the larger companies operating in these districts and the development work at the mines.

Pacific Coal Co., Bankhead.

Incorporated, August 31st, 1901.
 Authorized capital, \$1,000,000.
 Directors. R. B. Angus, E. B. Osler, W. D. Matthews, C. R. Hosmer,
 W. H. Aldridge.
 Head office, Montreal.
 Mine office, Bankhead.
 Secretary, A. R. G. Heward.
 General Manager, Lewis Stockett.
 Mine manager, D. G. Wilson.
 Master mechanic, Walter Tower.
 Mining engineers, B. R. Warden and B. L. Thorne.
 Pit boss, Donald McKay.
 Fire bosses, Tom Harrison, Thos Bastian, Jos. Cooke.
 Area of coal lands leased, 7,360 acres.
 Mine entered by tunnel.
 Thickness of seam, 3 to 15 feet.
 Dip and rise, 50° to 30°.
 System of working, breast and pillar.
 Lights used, Wolfe safety lamp.
 Boilers, 7-150 H. P. return tubular, 2-80 H. P. economic.
 Pumps, one duplex twin compound Cameron for water works.
 Air compressor plant, 2 duplex, compound Rand, high and low pressure.
 Electric plant, two 250 K.W. Generators.
 Screening plant, breaker capacity 2000 tons, briquette plant 200 tons.
 Mode of ventilation, one 10 ft. fan and two 12 ft. fans.
 Tonnage for past two years, coal, 111,776 tons.
 Machine shops, blacksmith shop, carpenter shop and framing shed.

This company has an output of 1200 tons per day, being drawn from Nos. 3½, 4, 5 and 6 veins. During the past year No. 6 vein has been developed and has proven to be one of the best this company

has operated yet. The electric plant operated at the mine still continues to give an efficient supply of light to the towns of Bankhead and Banff. The main tunnel has now reached a distance of over 3,000 feet from the mine mouth and a slope has been started to work the coal at a lower level in No. 4 seam, and an incline has been driven to work the coal at a higher level in No. 6 seam. The chief feature of the past year's development at this mine has been the introduction of a briquetting plant, built under the patent of the Zwoyer Fuel Company, New York. The plant installed is a one-unit plant, with a capacity of 200 tons per day, housed in a building suitable for a two-unit plant, so that at any time the capacity may be increased without much trouble. This briquetting plant will be in operation early in 1907. To supply this additional plant with steam another 150 H. P. boiler has been added, which now brings the boiler capacity up to 1,050 H. P. A new fan has been installed to ventilate No. 6 seam and it is giving excellent satisfaction.

Bankhead has still further forwarded its reputation as being the model camp of the continent, as it has supplied a large and well equipped skating and curling rink for its employees.

The H. W. McNeill Co., Canmore.

General manager, W. F. Little.
Colliery superintendent, James J. Morris.
Pit boss, William Musgrove

The output at this mine during the past year has been considerably restricted through the main gangways running into faults in the strata. The company, however, have been opening up the mine again beyond these faults with all despatch. To facilitate the driving of two rock tunnels, they introduced two compressed air rock drilling machines, which have done excellent work. In their lower tunnel two new seams have been struck but the coal in these seams was not deemed good enough to be mined and put on the market, so this tunnel is still pushing on in search of a seam of a better quality. At present coal is being hauled almost a mile to the foot of the main slope by means of horses. This horse haulage will soon be a thing of the past, as the company are now straightening and retimbering all their main roads and laying them with heavy steel with a view to the introduction of air motors. This new haulage installation ought to reduce the cost of transporting the coal from the face to the surface and will enable the company to deal with a much larger output.

International Coal & Coke Co., Coleman.

This company is developing their Numbers 2 and 4 seams and increasing their output. Unfortunately water broke into the slope workings, necessitating the closing down of the slope but this has not been much disadvantage to the company as regards their output. It is proposed to sink a new slope in No. 4 seam and leave a sufficient barrier of coal to prevent the water breaking in again. In No. 5 seam

a prospect tunnel has been driven. Ninety new beehive ovens have been installed, together with a Bradford coal breaker and slate picker to crush and clean the coal from the No. 4 seam.

Canadian American Coal & Coke Co., Frank.

This company has installed a modern tipple plant capable of handling 1,000 tons per day. The new tipple is located about a quarter of a mile away from the mine mouth and the coal is hauled the intervening distance by means of a main and tail rope haulage. About 5,000 feet from the mine mouth a prospect tunnel is being driven to prove and open up several seams of coal which outcrop on the surface.

Hillcrest Coal & Coke Co., Hillcrest.

Authorized capital \$500,000 Bonds \$250,000.
 Directors, N. P. Davis, Ottawa, W. Farwell, Geo. W. Fowler, A. Lefurgey,
 G. Taylor, G. P. White and C. P. Hill
 Head office, Ottawa, 31 Central Chambers.
 Secretary, W. P. White.
 General manager, C. P. Hill
 Mine office, Hillcrest, Alta
 Mine manager, E. Huntrods.
 Master mechanic, W. MacLean.
 Mining engineer, T. A. MacLean, Jr.
 Pit boss, A. Hood
 Fire boss, S. MacDonald.
 Area of coal lands owned, 980 acres, and 680 acres surface ground.
 Mine entered by slope, 300 ft. Main tunnel 2,000 feet.
 Thickness of seams, one 14 feet, one 12 feet, one 8 feet.
 Dip and rise, 30°
 System of working, pillar and room.
 Lights used, safety lamps.
 Boilers, two 80 H.P. Atlas. 4 to be installed.
 Hoisting engines, Beattie.
 Pumps, 1 Cameron.
 Air compressor plant, Low Pressure, 1,050 cubic feet per min. High Pressure.
 Electric plant, 100 lights
 Screening plant, to be installed.
 Ventilation, natural fan to be installed.

This company has installed a ten ton narrow gauge steam locomotive to haul the coal a distance of 3,000 feet from the mine to the top of the incline leading down to the branch line from the C. P. Railway. A coal conveyor is being installed to convey the coal down this incline.

West Canadian Collieries, Blairmore (Bellevue Mine).

A cross measure has been driven from the main gangway to prove No. 1 seam, a seam of excellent quality and 14 feet thick.

West Canadian Collieries, Blairmore (Lille Mine).

This mine is situated six miles north of Frank. A slope is being sunk in No. 2 seam to open up more coal and a cross measure drift is also being driven to open up No. 2 seam. A new battery of boilers is being installed. The slack which comes from the mine

is taken to a washer and thoroughly cleaned from impurities, after which it is ready to be made into coke in a battery of ovens of the Bernard type.

The Breckenridge & Lund Coal Co., Ltd., Lundbreck.

Incorporated 1904. Authorized Capital, \$500,000 00.
 Directors Jno. Breckenridge, Calgary, president, T. D. Robinson, Winnipeg, vice-president; Peter Lund, Wardner, B. C.; D. D. Wood, Winnipeg; A. C. Kemmis, Pincher Creek; Chas. A. Cock, Cranbrook
 Manager and mine engineer, A. R. Wilson.
 Head office, Lundbreck, Alta.
 Mine office, Lundbreck.
 Pit boss, Jno. Morris.
 Fire bosses, Robert Hamilton and T. Tonge.
 Area of coal lands owned by the company, 1,400 acres.
 Mine entered by slope shaft and adit level.
 Thickness of seam, average 10 feet
 Dip and rise, almost vertical.
 System of working, Development.
 Lights used, Wolf safety lamp.
 Boilers used, two Clyde marine.
 Hoisting engines, one direct acting hoist.
 Pumps, Cameron.
 Electric plant, Westinghouse dynamo, Ideal engine.
 Screening plant, Jeffrey Mfg. Co.
 Ventilation, Greybel fan.

The output from this mine has been somewhat restricted during the past year, owing to a series of faults having been met with in the main entries. Several of these difficulties have now been overcome and a much larger output is expected during the coming season.

Alberta Railway & Irrigation Co., Lethbridge.

Directors E. T. Galt, president, Montreal, P. Q.; Col. K. R. B. Wodehouse, vice-president, London, Eng.; A. M. Nanton, Managing director, Winnipeg, Man.; Wm. Burdett-Coutts, M.P., London, Eng.; E. S. Clouston, Montreal, P. Q.; J. H. Dodgson, London, Eng.; Jno. Galt, Winnipeg, Man.; W. M. Ramsay, Montreal, P. Q.; E. Waterhouse, London, Eng.
 Secretary, David Amey, London, Eng.
 General manager, P. L. Naismith, Lethbridge, Alta.
 Head office, London, England
 Mine office, Lethbridge, Alta.
 Mine manager, W. D. L. Hardie.
 Master mechanic, Thos. McNabb.
 Mining Engineer, W. D. L. Hardie.
 Pit boss, Robt. Livingston.
 Area of coal lands owned by the company, 10,000 acres.
 Mine entered by shaft.
 Thickness of seam, 52 inches.
 Dip and rise, very slight dip northwardly.
 System of working, pillar and room.
 Lights used, naked.
 Boilers, 1500-horse power
 Hoisting engines, 300-500 horse power.
 Pumps, 15 pumps of various sizes.
 Air compressor plant, 4 compressors, combined capacity 7,500 cu. ft. free air per minute.
 Electric plant, one 200 K.W. dynamo, one 150 H.P. induction motor.
 Mode of ventilation, fan electrically driven.
 Machine shop, well equipped joint shops for railway and colliery.

This company have installed a Rand B. 2 Duplex non-condensing compound air compressor plant, designed for a steam pressure of

80 to 100 pounds per square inch and a terminal air pressure of 80 to 100 pounds per square inch, its capacity being 2,848 cubic feet of air per minute at sea level. This is the largest compressor of this class made by the Canadian Rand Drill Co. They have also installed an electric plant of the Allis Chalmers Bullock Company's manufacture, consisting of a 200 K.W. generator driven by a 20 x 20 direct coupled engine of the Robb Engineering Company's manufacture and delivering 44 amperes at 2,200 volts to 150 H.P. induction motor installed at the top of the air shaft at Stafford's Bottom. This shaft is three-quarters of a mile away from the generating station.

Diamond Coal Co , Lethbridge.

The mines of this company are situated about 7 miles north of Lethbridge and are just in the development stage. The main and butt entries are being driven and a new modern tippie plant will soon be erected.

Domestic Coal Company, Taber.

This company is preparing to develop their property and instal a modern screening and loading plant.

Consolidated Coal Mining Co., Taber.

This company is installing new plant, a hoisting engine and boiler being in course of erection.

Reliance Coal Mining Co., Taber.

This company has installed a modern tippie and a Capell fan 12½ feet in diameter with a capacity of 200,000 cubic feet of air per minute.

Canada West Coal & Coke Co., Taber.

Authorized capital, \$2,000,000.
 Directors· O. A. Robertson, F. E. Robertson
 Head office, St. Paul, Minn.
 Mine office, Taber, Alta.
 Secretary, F. E. Kenaston.
 Mine manager, Charlton Dixon.
 Master mechanic, Jno. Oxley.
 Mining engineers, none as yet.
 Pit boss, Robt W Duggan.
 Fire boss, W. Henderson.
 Mine entered by slope.
 Thickness of seam, 3 feet 6 inches.
 Dip and rise, horizontal.
 System of working, pillar and room.
 Lights used, open
 Boilers, 2
 Hoisting engines, 1.
 Pumps, 2
 Air compressor plant, one 20 x 24.
 Screening plant, 1½ to ¼.
 Mode of ventilation, one 12 ft. fan

This company is installing a new battery of boilers and an electric plant. A slope and shaft are being sunk and a tippie erected. The electric plant will generate power to supply electric locomotives to haul coal to the new slope. Experiments are being made with electric coal cutters to supersede the punching machines which are now in use to undercut the coal.

High River District.

A few small mines are now operating in the vicinity of High River. Owing to there being no railway facilities, however, the output has been very limited and only a few men have been employed.

Medicine Hat District.

During the past year a fairly large quantity of coal has been produced in the neighbourhood of Medicine Hat. As is common with all mines a considerable distance from the railway, the output from these mines has been small, but sufficient to supply the wants of the immediate neighbourhood. No doubt in the near future when transportation facilities are obtained, the output of coal from this district will be greatly increased.

Edmonton.

During the past year the coal mining industry in the Edmonton district has rapidly assumed considerable proportions. In several cases the industry has passed the stage where the mineral can be economically worked from small tunnels driven in at the outcrop of the seams, and several companies have signified their intention of sinking shafts to catch the seams at such points where their mining operations will be close at hand to the railway. Already two shafts have been sunk, one of them to a depth of 200 feet, while a third shaft has been started on the Belmont property, which bids fair to be the largest mining concern in this district.

Knee Hill.

Very little mining has been done in the Knee Hill district during the past year. The coal is high grade lignite and will undoubtedly be developed in the future when the district is brought near to the domestic market by means of a railway. Twenty-five miles north of the Knee Hill creek a few small mines are operating on what is known as the Three Hill creek, the coal on the Three Hill creek being of the same nature as the coal at Knee Hill.

Accidents.

Of the number of accidents reported during 1906 to this department, I am sorry to say that almost 25% were fatal. I always impress upon mine managers and mine operators the necessity of reporting all slight accidents as well as serious accidents and I think

they are complying with my instructions to a certain degree; yet, if all the accidents were reported, the percentage of fatal accidents to the total number of accidents would be reduced, I am certain. All the fatal accidents have been carefully investigated and any further precautions for safety which they may have taught have been brought to bear upon the practical working of the mines.

Fatal accidents outside mines, 1. Caused by air motor.

Fatal accidents inside mines, 9. Caused as follows:

Fall of roof and sides	6
Explosion of gas	1
Moving cage	1
Mine cars	1

I append a list of the accidents as reported:

DEPARTMENT OF PUBLIC WORKS

NO.	DATE	MINE	NAME	OCCUPATION	REMARKS
1.	Jan. 8	Breckenridge & Lund Coal Co., Lundbreck	David Muir. Age, 22.	Miner.	Leg fractured by fall of roof.
2.	Jan. 18	H. W. McNeill Co., Canmore.	Jno. Figura.	"	Scalp wound and broken nose.
3.	Jan. 18	West Canadian Collieries, Blairmore.	Jno. Jenkins.	"	Died from injuries received Nov. 6, 1905.
4.	Jan. 24	International Coal & Coke Co., Coleman.	Thos. A. Munro. Age, 21.	Motorman	Killed outside mine by falling under motor while in motion.
5.	Jan. 29	West Canadian Collieries, Blairmore.	Henry Stubbs. Age, 20.	Miner	Seriously injured by fall of coal.
6.	Feb. 1	H. W. McNeill Co., Canmore.	Gus Gustason.	Miner	Back injured by fall of rock.
7.	Feb. 1	McPhee's Mine, Taber.	Chas. Jensen.	"	Back injured by fall of coal.
8.	March 27	International Coal & Coke Co., Coleman.	Henry Grewcutt.	"	Burned by ignition of gas.
9.	May 10	Reliance Coal Mining Co., Taber.	Geo. Shorthouse. Age, 31.	"	Killed by moving cage.
10.	May 15	Canadian-American Coal & Coke Co., Frank.	Jno. Heber.	"	Slightly burned by gas.
11.	May 15	Canadian-American Coal & Coke Co., Frank.	Wm. Richards.	"	Slightly burned by gas.
12.	May 17	International Coal & Coke Co., Coleman.	Thos. Steele.	"	Hands blown off at wrist and injury to one eye by explosion of caps.
13.	June 29	Canadian-American Coal & Coke Co., Frank.	Peter Murray. Age, 30.	Timberman.	Killed by fall of rock.
14.	June 27	Breckenridge & Lund Coal Co., Lundbreck.	Jno. Schultz. Age, 30.	Miner.	Slightly burned by ignition of fire damp.
15.	June 27	Breckenridge & Lund Coal Co., Lundbreck.	Alex. Sushar. Age, 26.	Miner.	Slightly burned by ignition of fire damp.
16.	June 27	Breckenridge & Lund Coal Co., Lundbreck.	Frank Scott. Age, 30.	"	Slightly burned by ignition of fire damp.
17.	July 4	Breckenridge & Lund Coal Co., Lundbreck.	Daniel Shaw. Age, 38.	"	Slightly burned by ignition of fire damp.
18.	July 4	Breckenridge & Lund Coal Co., Lundbreck.	Arthur Bryant. Age, 24.	Bratticeman.	Slightly burned by ignition of fire damp.
19.	July 6	H. W. McNeill Co., Canmore.	Jacob Yaskan. Age, 19.	Miner.	Burned about hands and face by gas.
20.	July 6	H. W. McNeill Co., Canmore.	Otto Ranta. Age, 30.	Miner.	Burned about face and hands by gas.
21.	July 6	H. W. McNeill Co., Canmore.	Jno. Hannu. Age, 26.	"	Burned about face and hands by gas.

NO.	DATE	MINE	NAME	OCCUPATION	REMARKS
22.	July 6	H. W. McNeill Co., Canmore	Cornelius Ferguson. Age, 26.	Miner	Burned about face and hands by gas.
23.	July 6	H. W. McNeill Co., Canmore	Jos. Jarc. Age, 29	"	Burned by explosion of gas. Died July 7th through having inhaled flame
24.	Aug 4	Alberta Railway & Irrigation Co., Lethbridge	Jno. Salva	Outside hand	Leg broken while at work on tippie
25.	Aug 8	Pacific Coal Co., Bankhead	Michael Quinn. Age, 21	Switchman	Killed by being crushed between mine car and timbers.
26.	Aug. 7	West Canadian Collieries, Blairmore	John Neva. Age, 26	Miner	Burned about hands and face by gas.
27.	Aug 7	Canada West Coal & Coke Co., Taber	Frank Zagrey. Age, 27.	Machine-man	Killed by fall of clay.
28.	Aug 17	Taber Coal Mining Co., Taber	A. Rowley	Miner.	Burned about hands and face by explosion of powder.
29.	Aug. 27	West Canadian Collieries, Blairmore	Herman Varley. Age, 21	"	Slightly burned by gas.
30.	Aug. 27	West Canadian Collieries, Blairmore	Ernest Maratt. Age, 28	"	Slightly burned by gas.
31.	Aug. 27	West Canadian Collieries, Blairmore	Nom. Serra. Age, 31	"	Slightly burned by gas
32.	Aug. 27	West Canadian Collieries, Blairmore	Bernard Nartationi. Age, 30.	"	Slightly burned by gas
33.	Aug. 20	West Canadian Collieries, Blairmore	Bafiste Bartorioni. Age, 27.	"	Slightly burned on face and hands.
34.	Sep. 1	Canadian-American Coal & Coke Co., Frank	Jos Barber. Age, 23.	Fire Boss	Slightly burned.
35.	Sep. 6	International Coal & Coke Co., Coleman	Geo. Scott. Age, 28	Miner.	Slightly burned.
36.	Sep. 29	H. W. McNeill Co., Canmore	Steve Hlasny. Age 38	"	Killed by fall of coal.
37.	Sep. 22	Pacific Coal Co., Bankhead	Adam Vanning	"	Killed by fall of coal.
38.	Sep. 22	Pacific Coal Co., Bankhead	Pete Zankanaro	"	Killed by fall of coal.
39.	Dec. 5	Alberta Railway & Irrigation Co., Lethbridge	R. L. Richardson. Age 35.	Coal loader	Injured by premature shot.
40.	Dec. 21	Bush Mine, Edmonton	Geo. Postuma	Not connected with operation of mine.	Leg broken by fall of cage.
41.	Dec. 20	West Canadian Collieries, Blairmore	Antonio Rodere. Age, 27..	Miners help'r.	Back injured by fall of rock.

Work of Inspection.

Since taking charge of the mine inspection work in the province last October, I have endeavoured to visit all the mines in the Edmonton and Knee Hill districts at least once and the large mines in the Canmore district on several occasions. The district inspector working the Crow's Nest Pass district has made a continuous round of visitation to the mines since his appointment in the spring of 1906. Both the district inspector and myself have found it very difficult to get notification of the new mines opening up in the province. The people who open these mines evidently do not know the requirements of The Coal Mines Act with regards this, and I would suggest that a copy of section 41 of The Coal Mines Act be published in the newspapers of the province twice a year. The necessity for keeping the mine plans up to date has been impressed upon all the coal operators and the large mines comply with these requirements in every case. However, there is a difficulty in obtaining the required plans from the small mines with only two or three miners employed. There is also a difficulty in enforcing The Coal Mines Act with regard to having a qualified pit boss in charge of these small mines. It is almost impossible to require a qualified man to be in charge of a mine at which only a few miners are employed and where the output is only 15 to 20 tons per day. It would be well if some provision was introduced into The Coal Mines Act exempting these small mines from the necessity of having a pit boss or other certificated official in charge, provided that the mine was under the charge of some competent, practical workman. Considerable trouble has been experienced in the Crow's Nest Pass over the introduction of safety lamps into the mines operating there, but I am glad to say that this trouble is now ended and safety lamps are being introduced into certain mines in accordance with the wishes of the district inspector. Air records from the different mines have been sent into the department every month. All the fatal and nonfatal accidents have been investigated, the places where the accidents occurred visited, and all coroner's inquests have been attended by the district inspector or myself.

Examinations.

Examinations of candidates for mine managers, pit boss and fire boss certificates were held in May and November, 1906, and the candidates, with but few exceptions, were successful in obtaining certificates. In May the examination was held at Lethbridge and Bankhead, and in November at Coleman and Canmore. The candidates presenting themselves for mine managers' and pit boss certificates being few in number, I would suggest that the examinations for these classes of certificates be held only once a year, while the examination for fire boss certificates be held twice a year as heretofore.

Wages.

The scarcity of fire bosses is still marked, as the miner at the face, owing to the high rate of wages paid in the province for digging

coal, can make more than the fire boss working for \$3.50 per day, which is the usual fire boss rate. The average coal miner's wage, mining coal on contract, varies from \$75.00 to \$180.00 per month. The general wages for day labour is as follows:

Inside Men.

Fire bosses	\$3.50	8 hours.
Shot lighters	3 00	8 "
Bratticemen	3.00	8 "
Bratticemen helpers	2.50	8 "
Timbermen	3.00	8 "
Timbermen helpers	2.50	8 "
Drivers	2.50	8 "
Drivers, wet places	2.75	8 "
Team drivers	3.00	8 "
Tracklayer	3.00	8 "
Tracklayer helpers	2.50	8 "
Rock miners	3.50	8 "
Miners	3.00	8 "
Miners, wet places	3.50	8 "
Locomotive engineers	2.75	8 "
Switchmen	2.50	8 "
Chute loaders	2.50	8 "
Labourers	2.50	8 "
Timber handlers	2.75	8 "
Machine men	3.50	8 "
Machine men helpers	3.00	8 "
Switch boys	1.50	8 "
Door boys	1.00	8 "
Hoistmen	2.75	8 "
Rope riders	2.50	8 "
Couplers, boys	1.50	8 "
Couplers, men	2 50	8 "
Pushers	2.50	8 "

Outside Men.

Pitheadman	\$2.50	10 hours.
Slate pickers, men	2.00	10 "
Slate pickers, boys	1.25	10 "
Car oiler, boys	1.50	10 "
Car oiler, men	2.00	10 "
Tally boys	1.25	10 "
Teamsters	2.50	10 "
Blacksmith	3.50	10 "
Blacksmith helper	2.50	10 "
Mine carpenter	3.50	10 "
Mine carpenter helper	2.50	10 "
Car repairers	3.00	10 "
Power house engineers	3.50	12 "
Tipple engineer	3.25	10 "
Locomotive engineer	3.25	10 "
Locomotive helper	2.80	10 "
Fireman	2.50	8 "
R. R. car handlers	2.25	10 "
Fanmen	2.50	12 "
Outside labourers	2.00	10 "
Fan fireman	3.00	12 "
Lampman	2.50	12 "
Machinists	3.20	10 "
Machinists' helpers	2.50	10 "
Couplers	2.00	10 "
Sawyer	3.00	10 "

Prospects.

Coal mining has now come to be recognized as one of Alberta's staple industries. Several large mines are now in operation in the

southern part of the province and others which promise to be equally as large are now in the initial stages of their development. The mining industry in the northern part of the province has up to the present been carried on by very primitive means, the output of the mines being hauled away by teams or taken down the North Saskatchewan river in scows. With the advent of the railway a change has taken place and already the small mines operating along the outcrop of the various coal seams are being amalgamated and turned into larger concerns with a considerable amount of capital behind them. These new companies find it necessary to sink shafts to tap and work the various seams at greater depths than has been attempted in the past. As I have already remarked the mining industry in the lignite fields of the north is in a stage of transition, and soon I have no doubt we will find mines as fully equipped and with an output as large as any of the other mines in the province.

Boring for natural gas has been conducted near Medicine Hat, Calgary and Edmonton. Extensive prospecting for oil has also been engaged in the southern part of the province.

I have the honour to be, Sir,

Your obedient servant,

NORMAN FRASER,

Provincial Inspector of Mines.

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